

FIG. 6

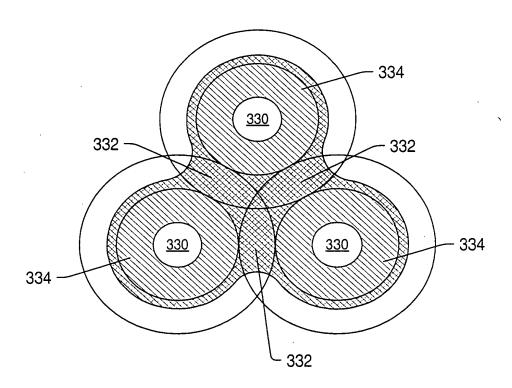
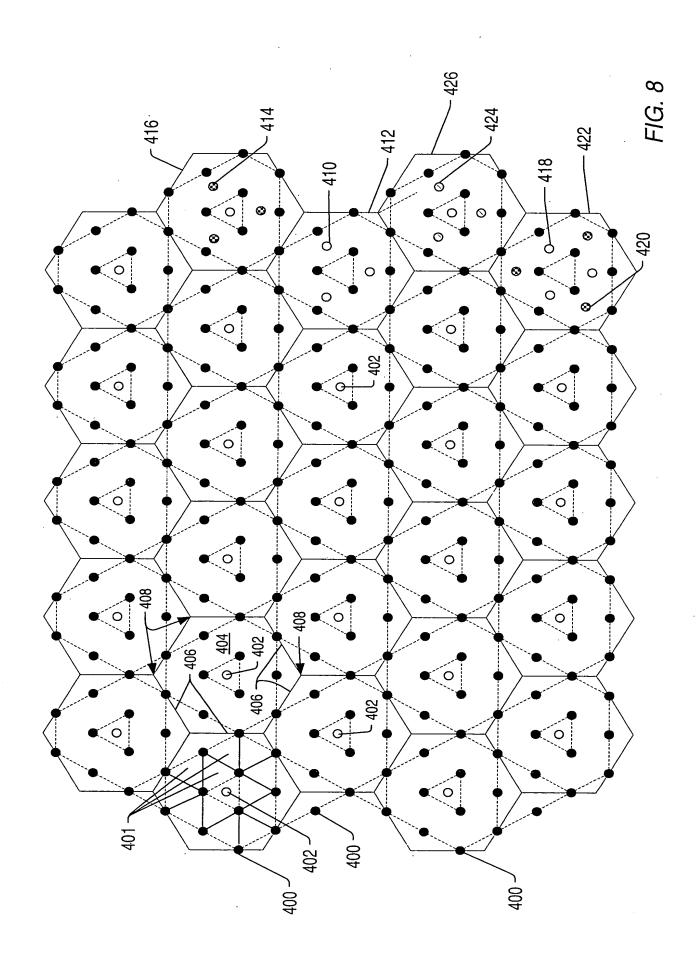
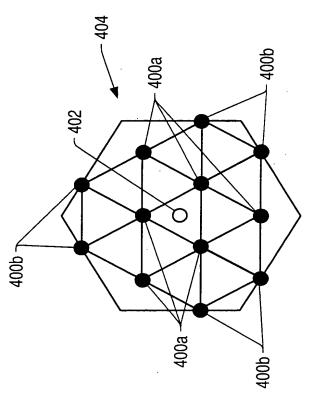
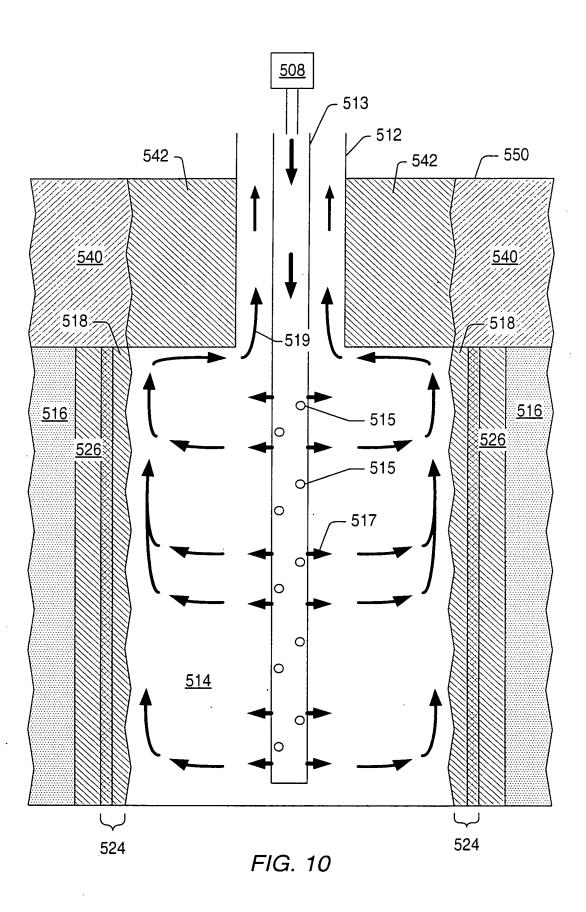


FIG. 7





TOPPING TOPPINGE



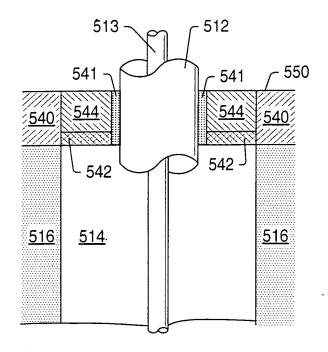


FIG. 11

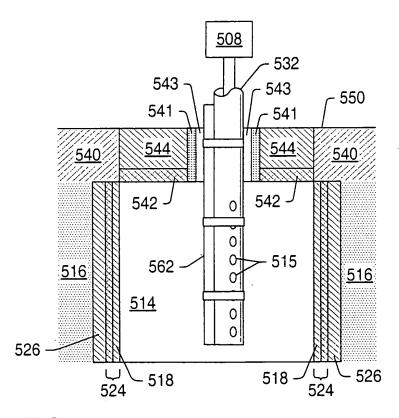


FIG. 12

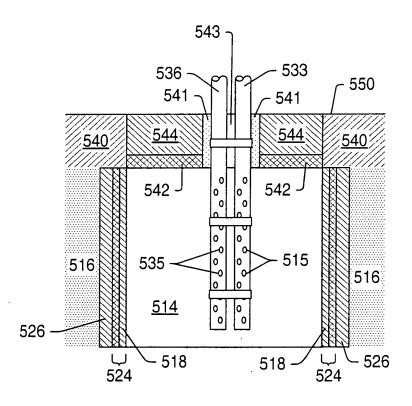
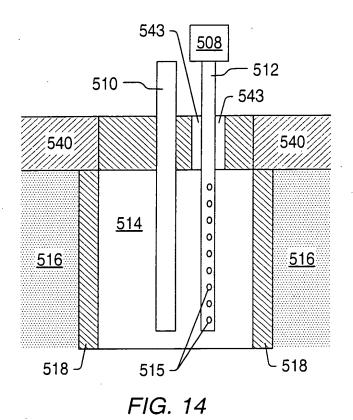


Fig. 13



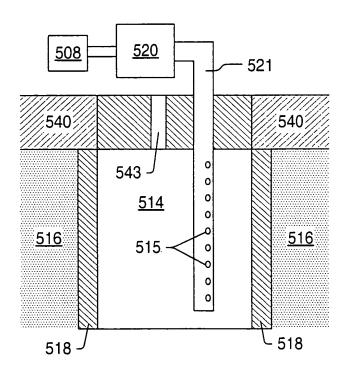


FIG. 15

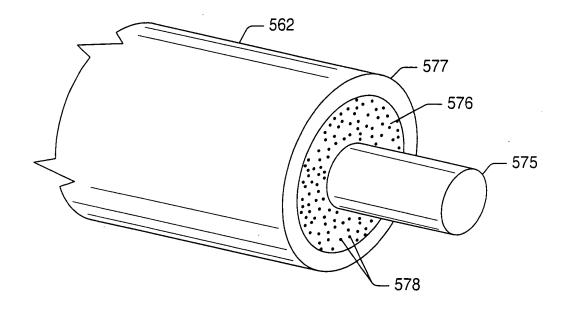


FIG. 16

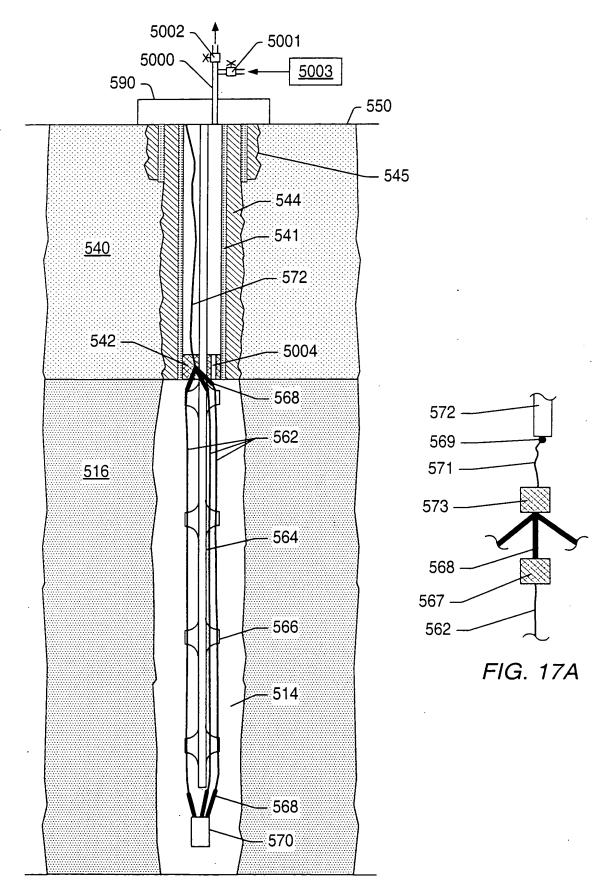


FIG. 17

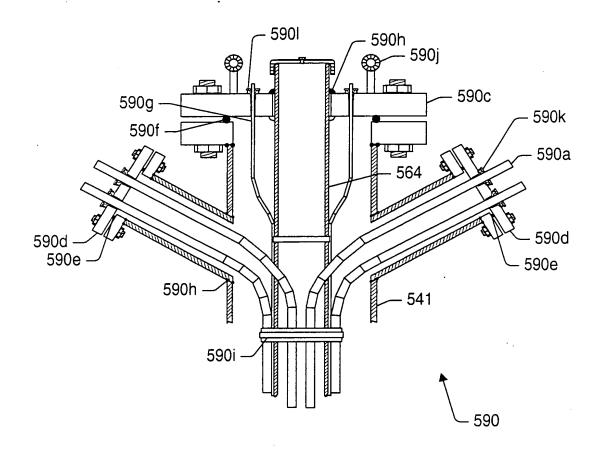


FIG. 18

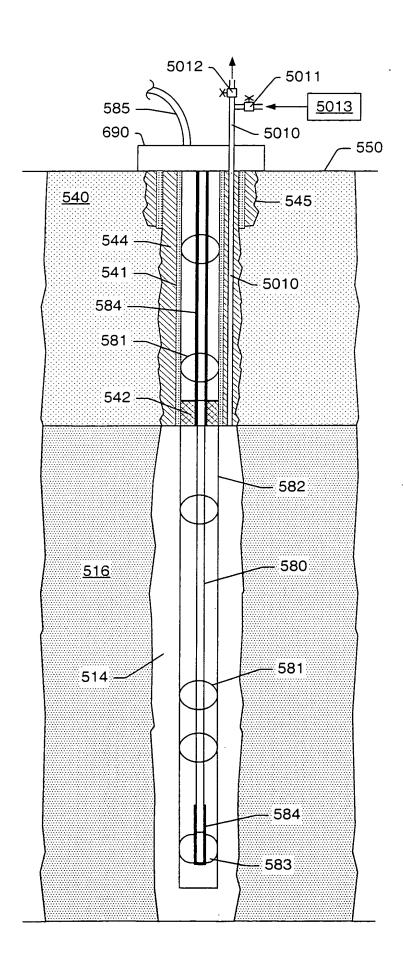


FIG. 19

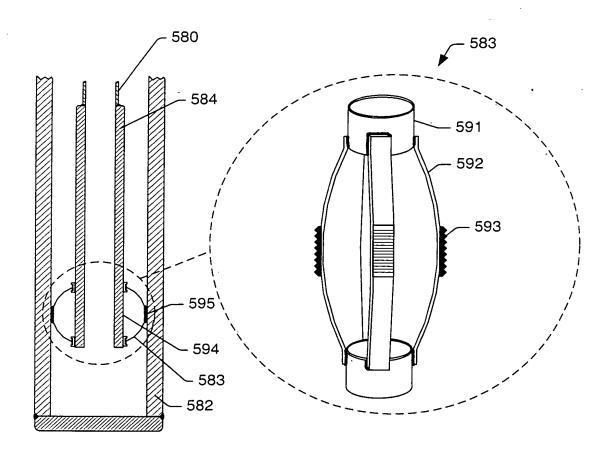
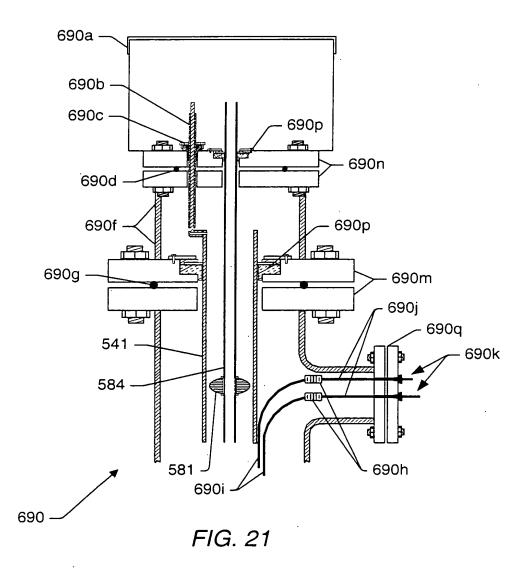


FIG. 20



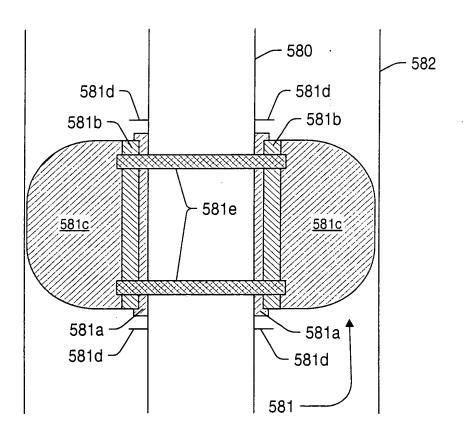


FIG. 22

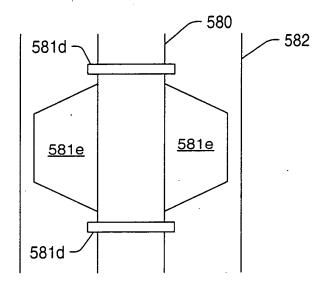


FIG. 23a

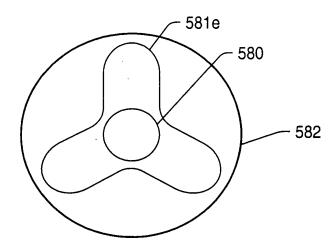


FIG. 23b

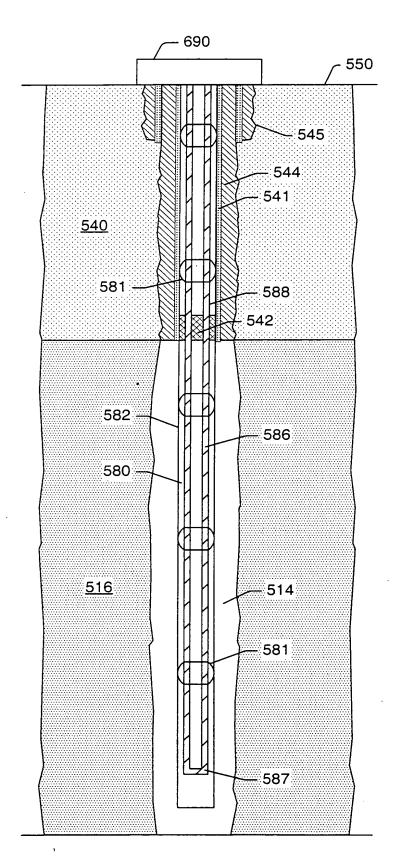


Fig. 24

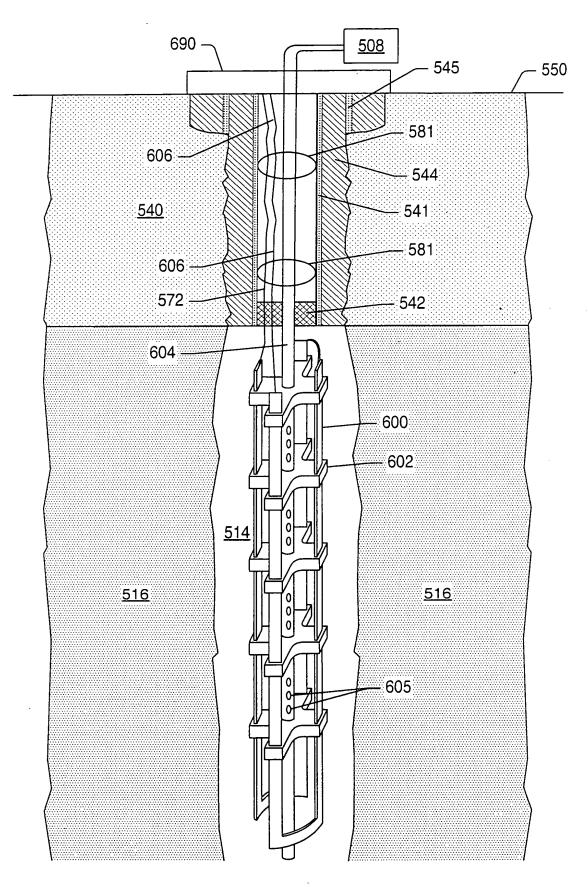


FIG. 25

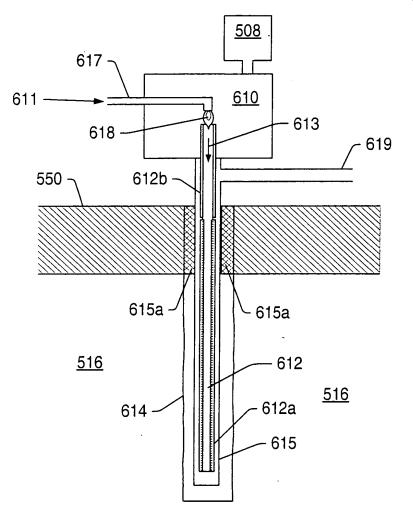


FIG. 26

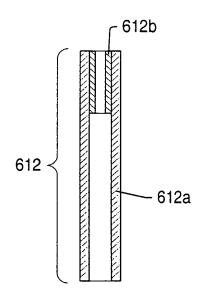


FIG. 27

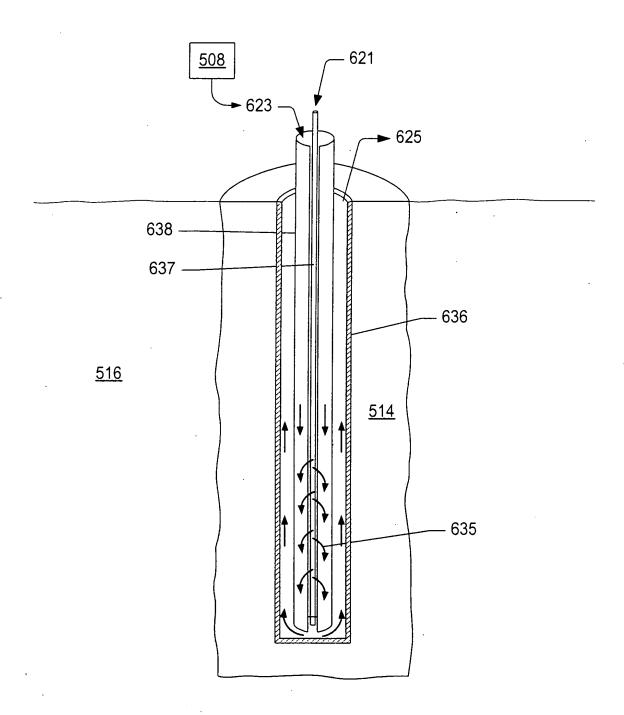


FIG. 28

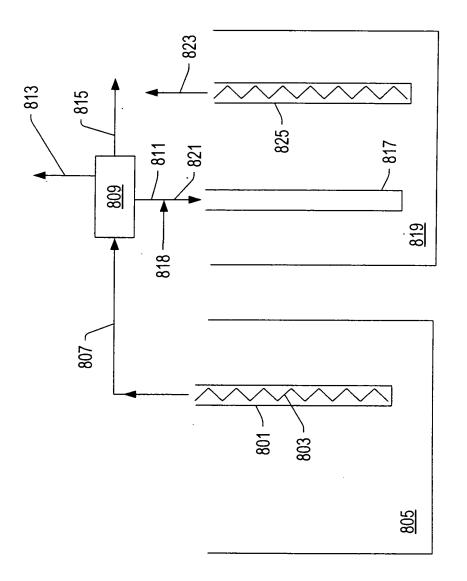


FIG. 29

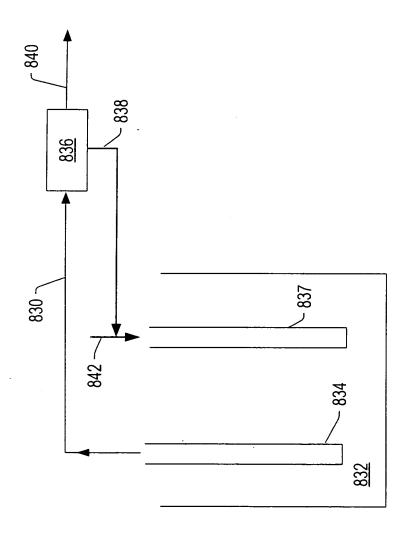


FIG. 30

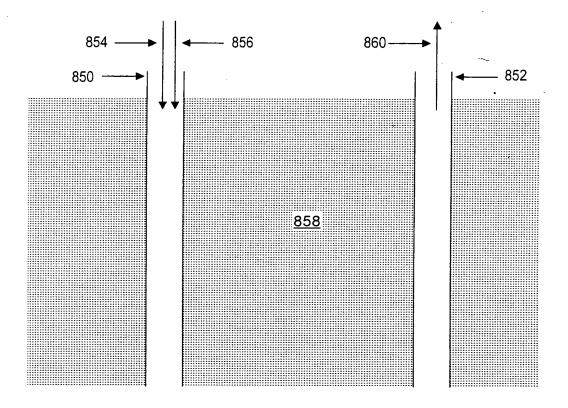


FIG. 31

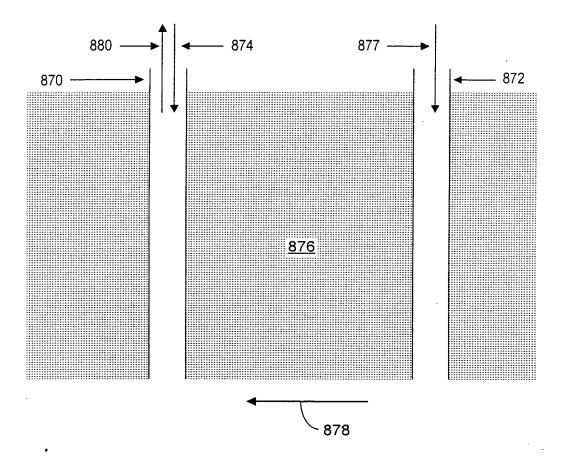
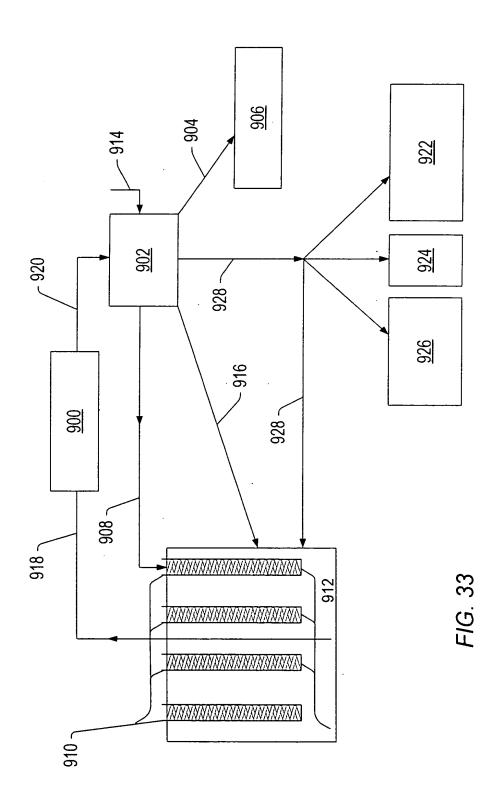


FIG. 32



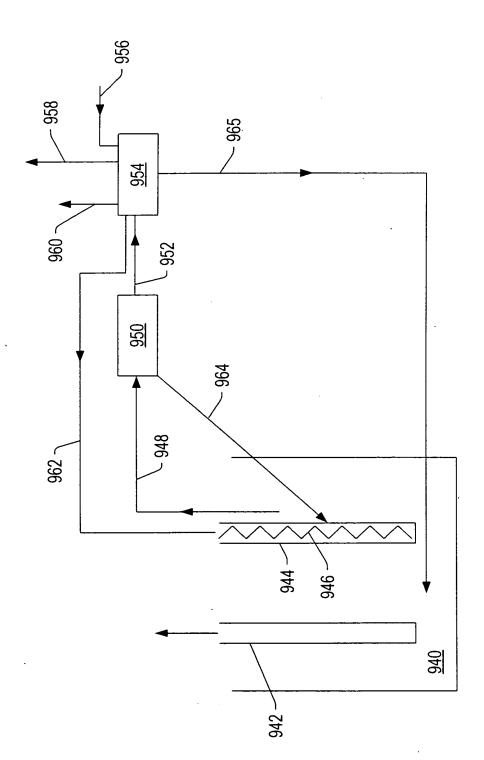


FIG. 34

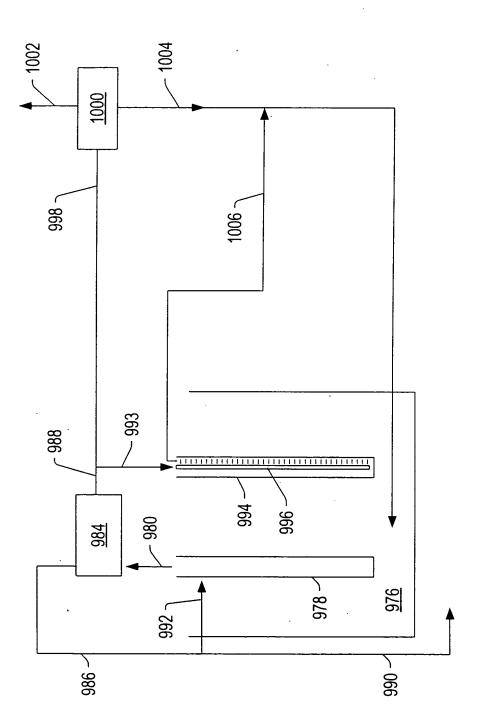
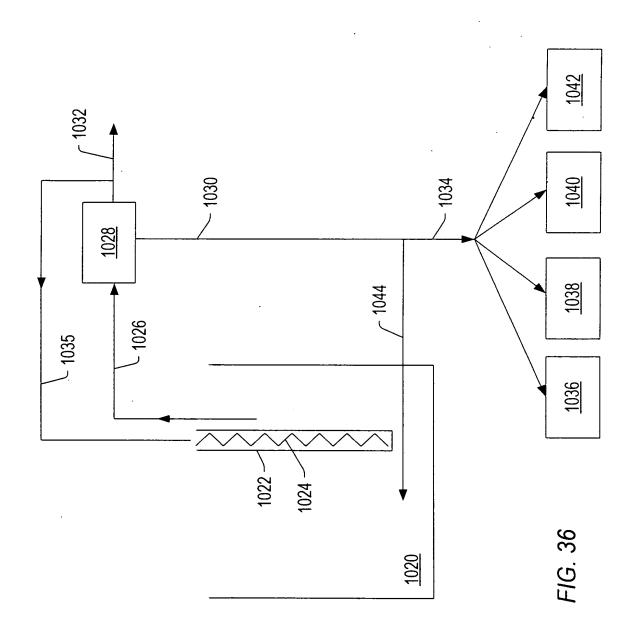
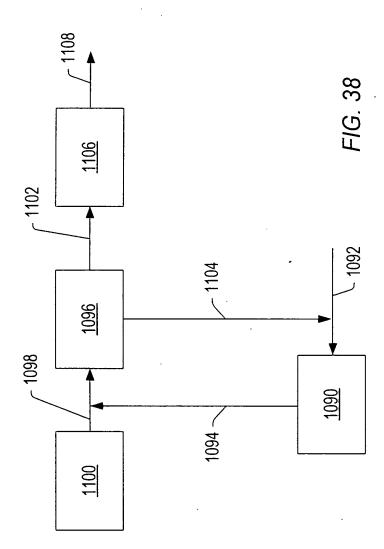
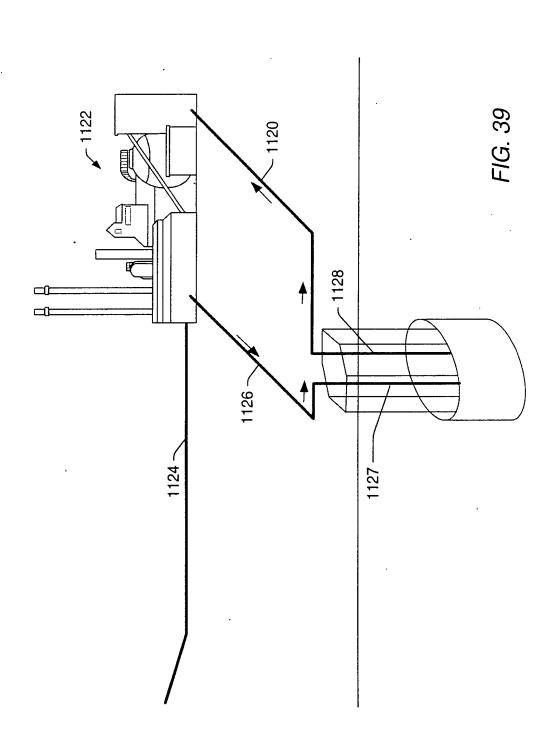
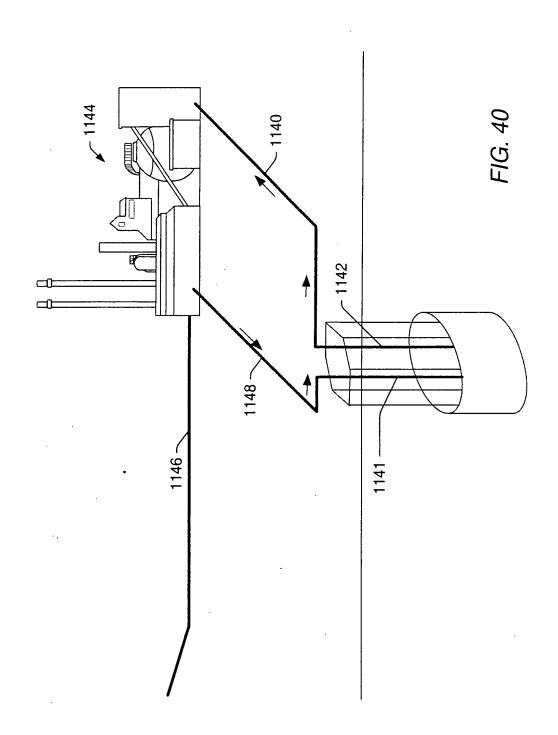


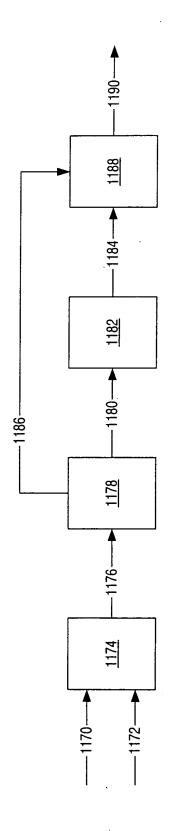
FIG. 35











F/G. 41

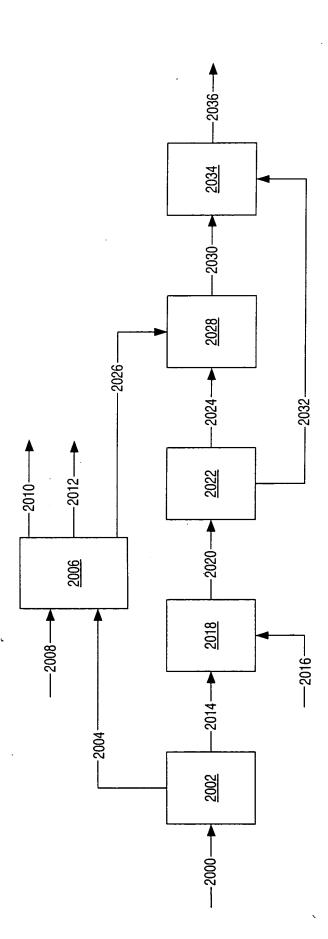


FIG. 42

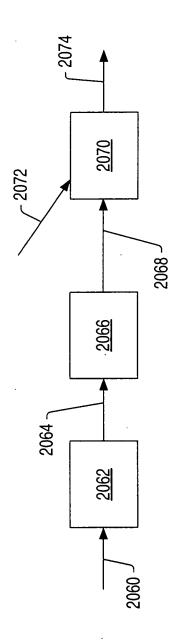


FIG. 43

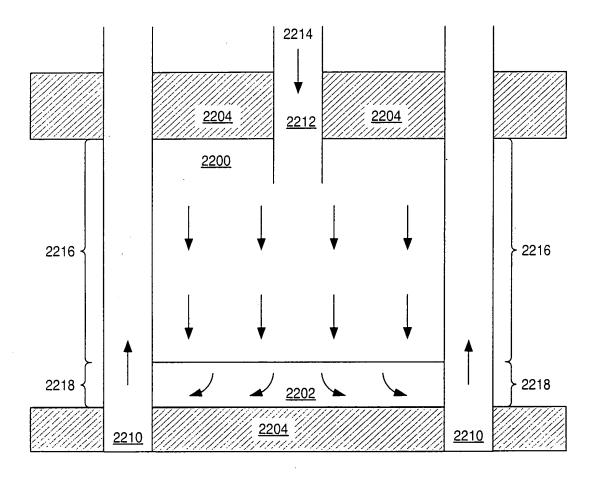


FIG. 44

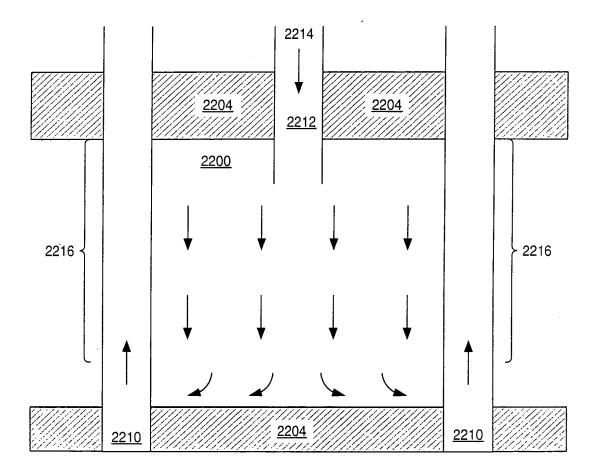


FIG. 45

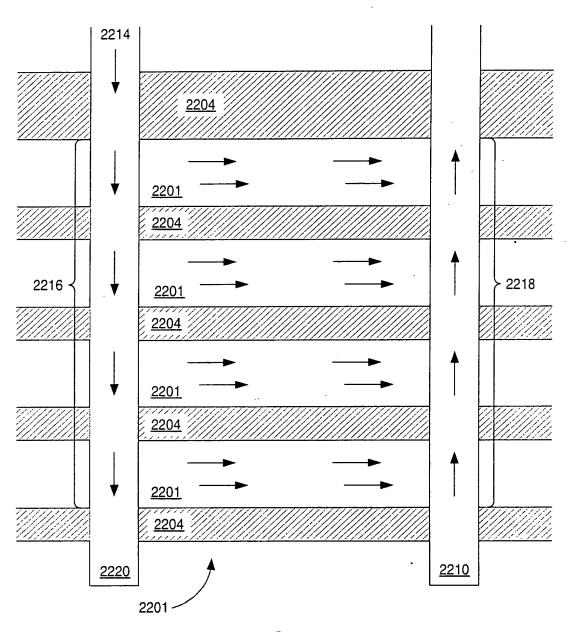


FIG. 46

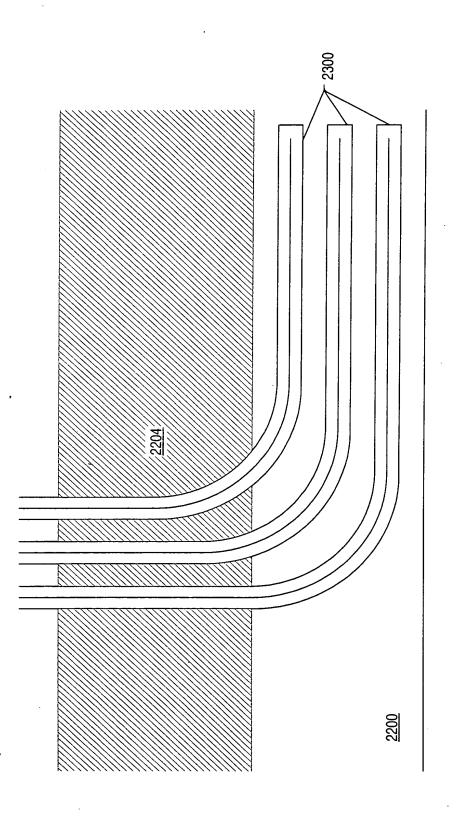


FIG. 47

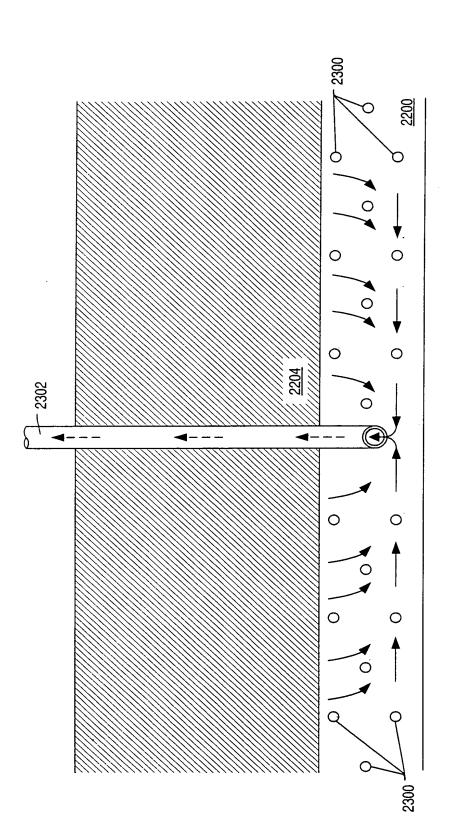


FIG. 48

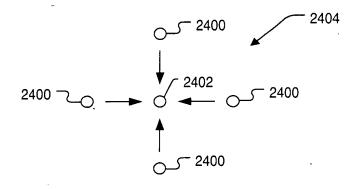


FIG. 49

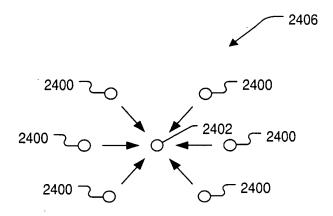


FIG. 50

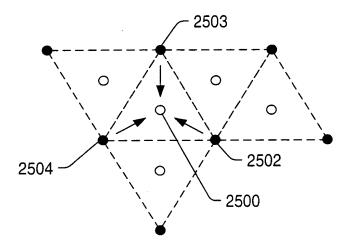


FIG. 51

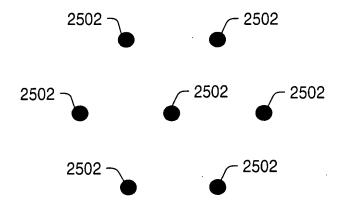
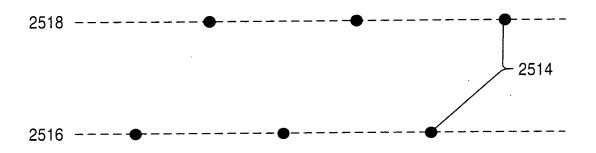
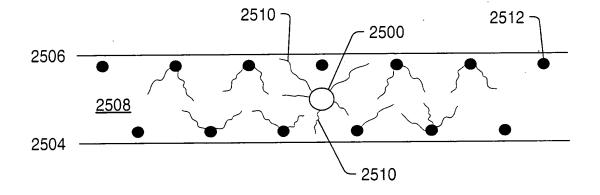


FIG. 52





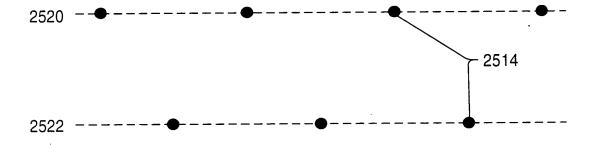


FIG. 53

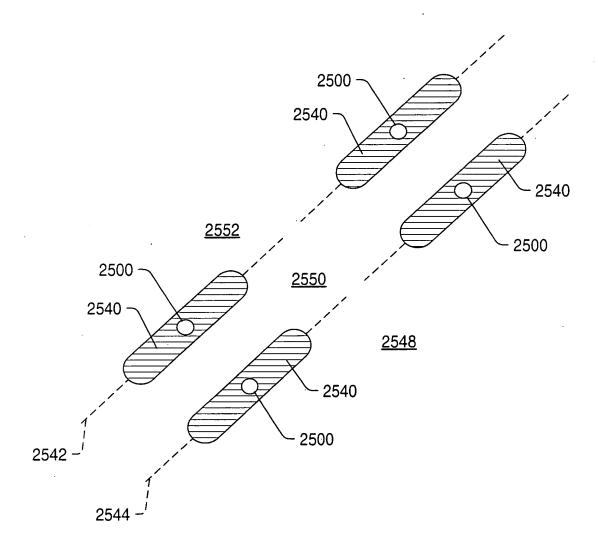


FIG. 54

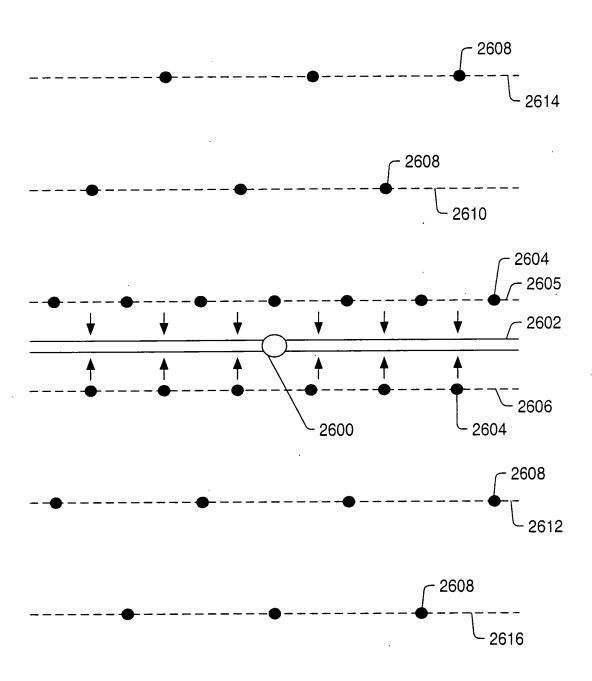


FIG. 55

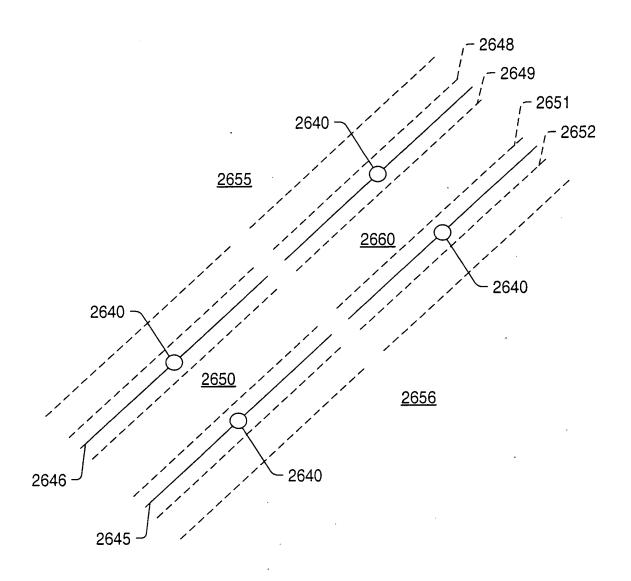


FIG. 56

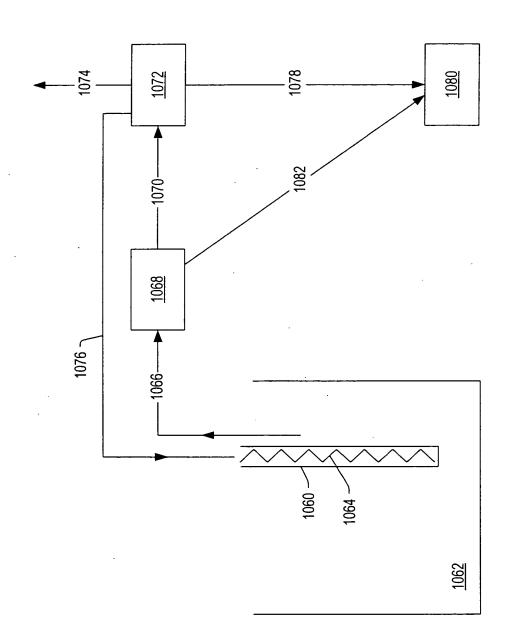


FIG. 37

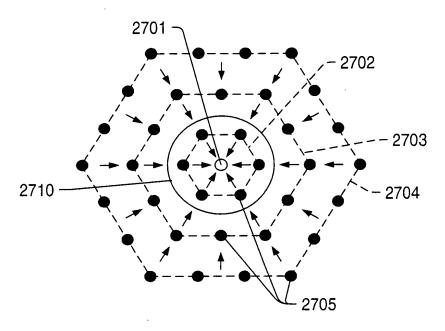


FIG. 57

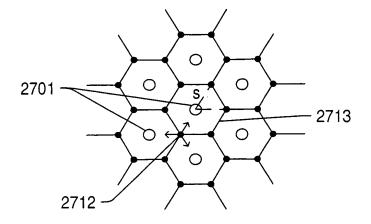


FIG. 58

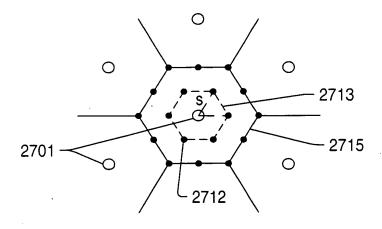


FIG. 59

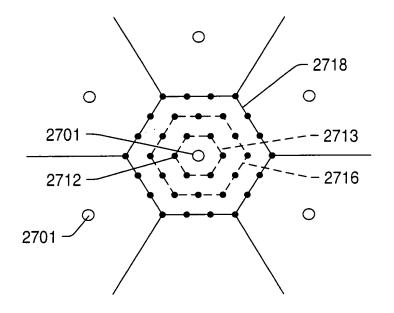
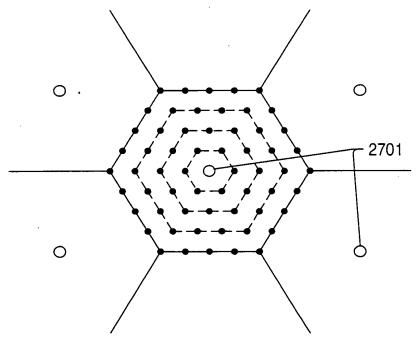


FIG. 60



. FIG. 61

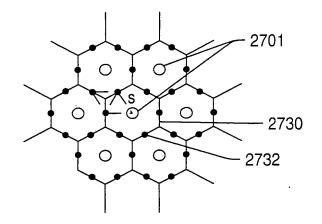


FIG. 62

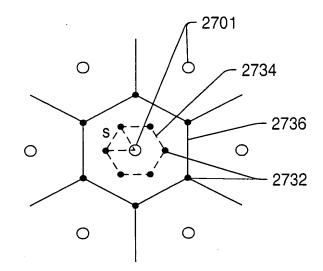
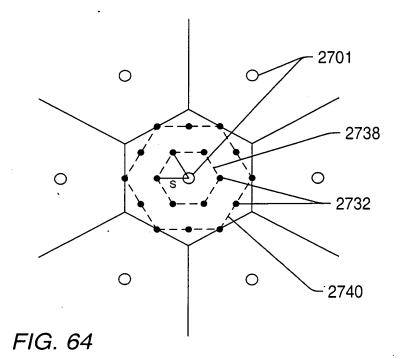
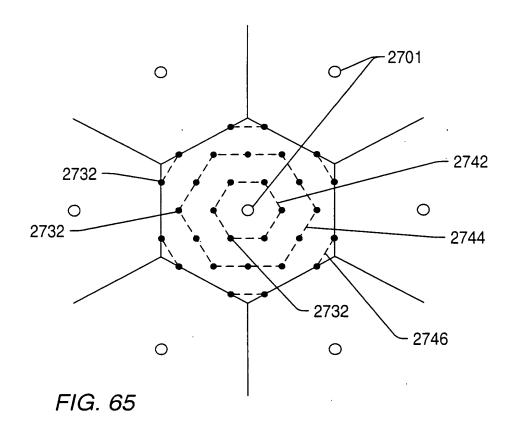


FIG. 63





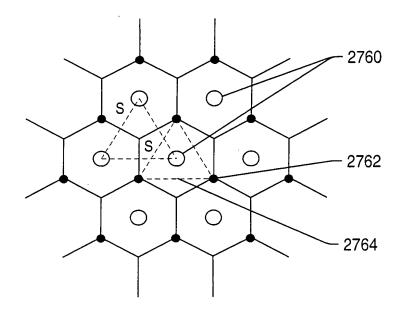


FIG. 66

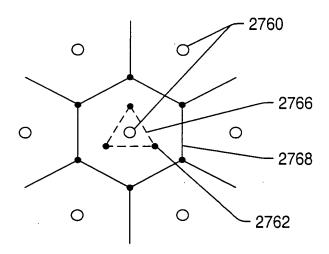
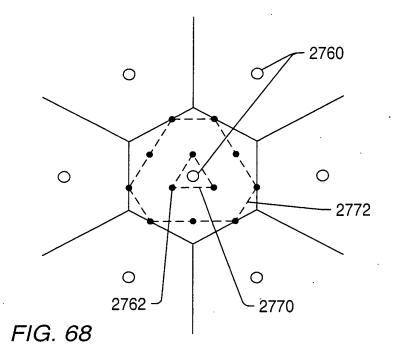
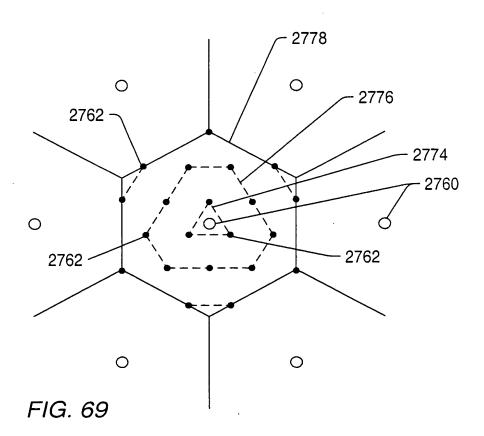
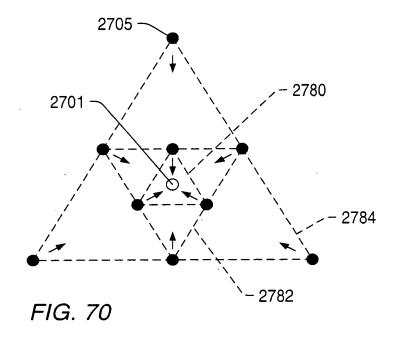


FIG. 67







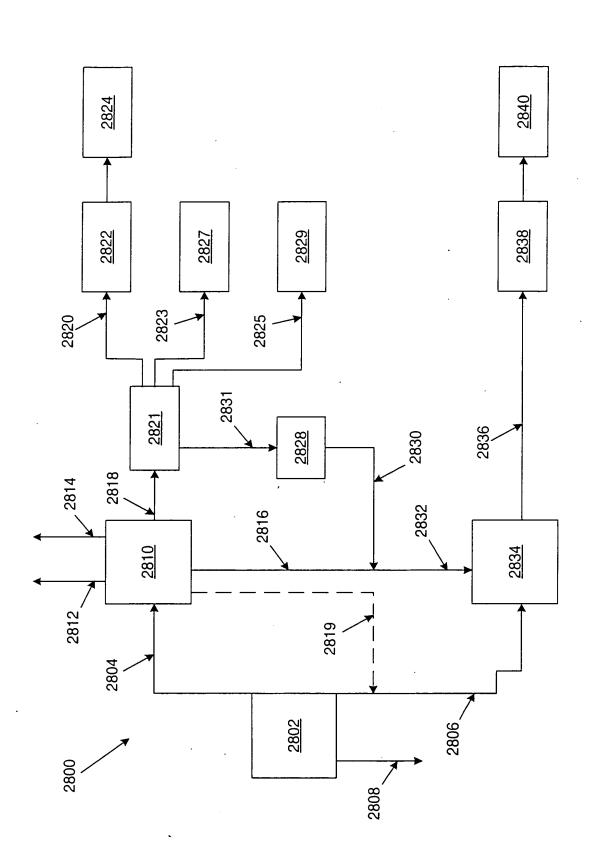


Fig. 71

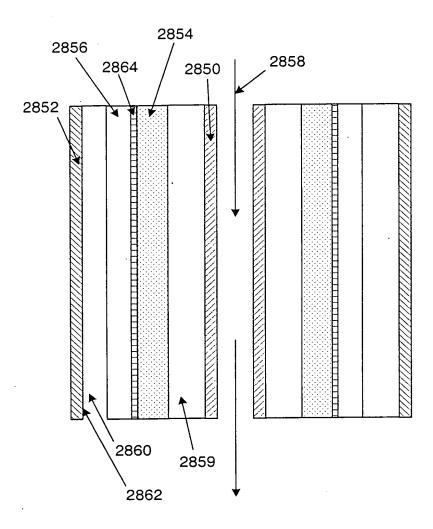
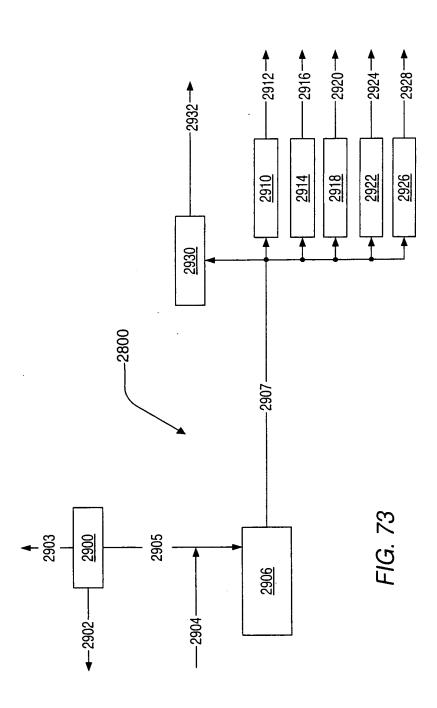
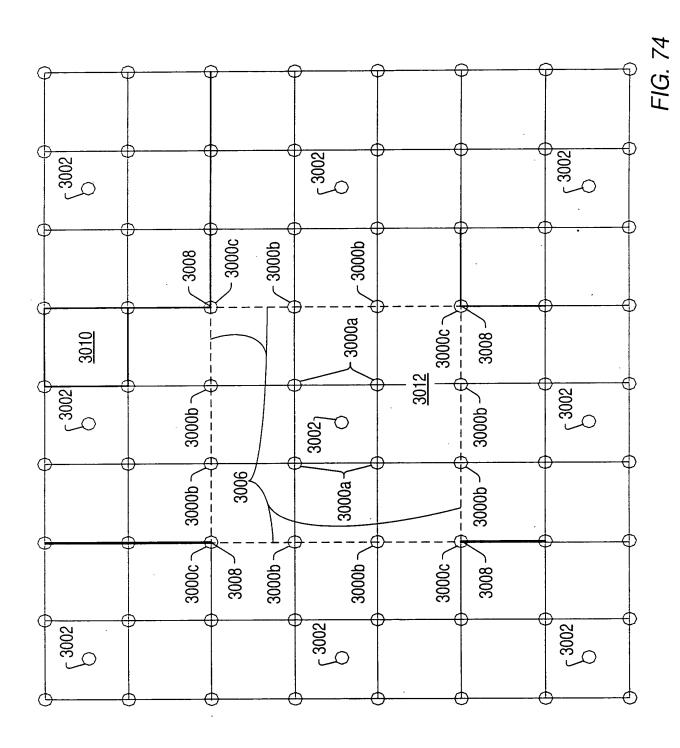


Fig. 72





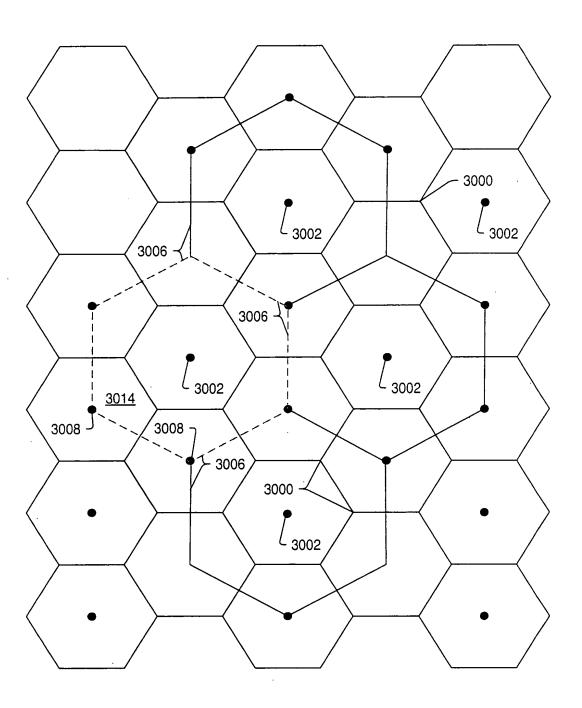


FIG. 75

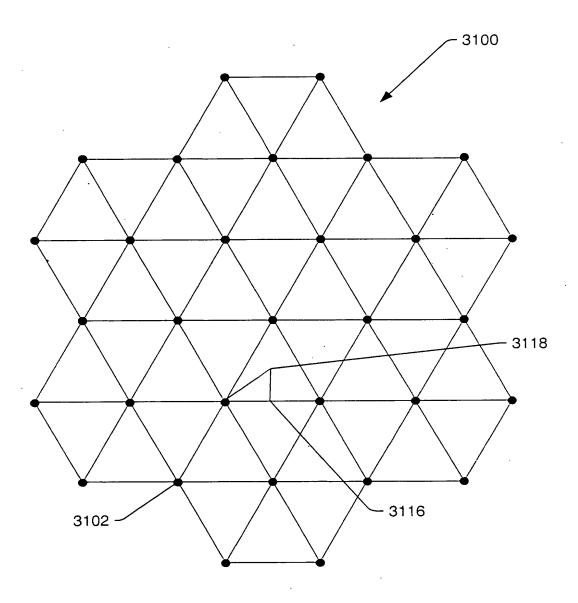


FIG. 76

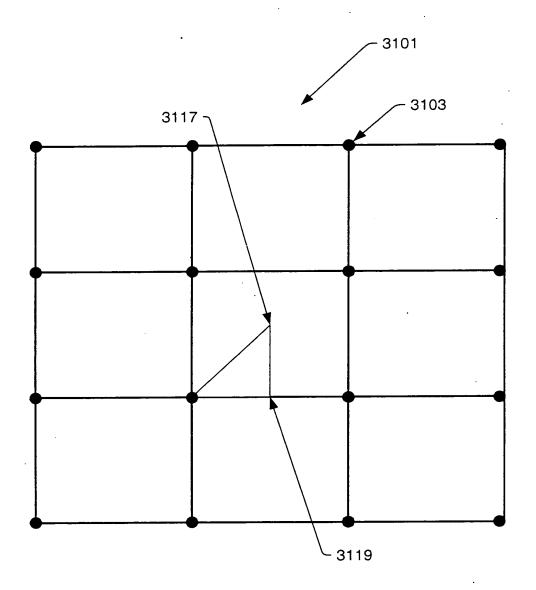


FIG. 76a

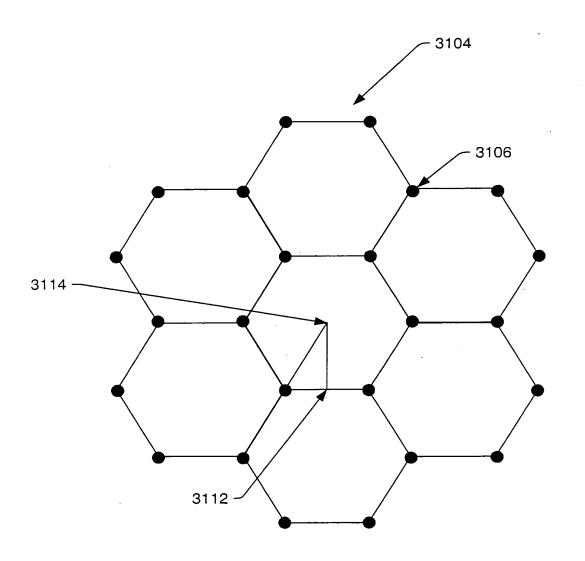


FIG. 77

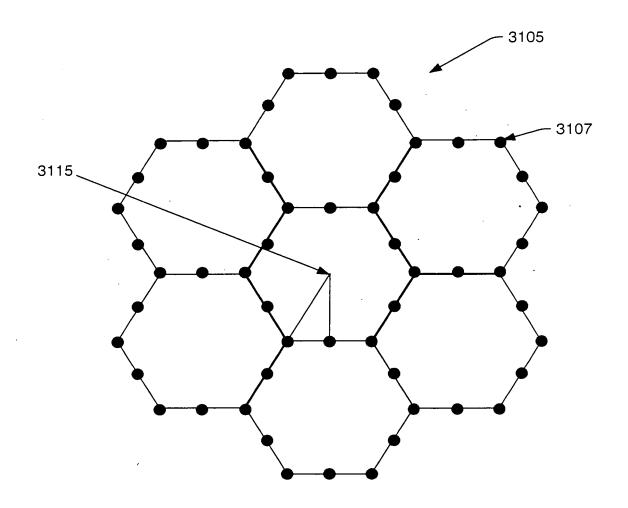
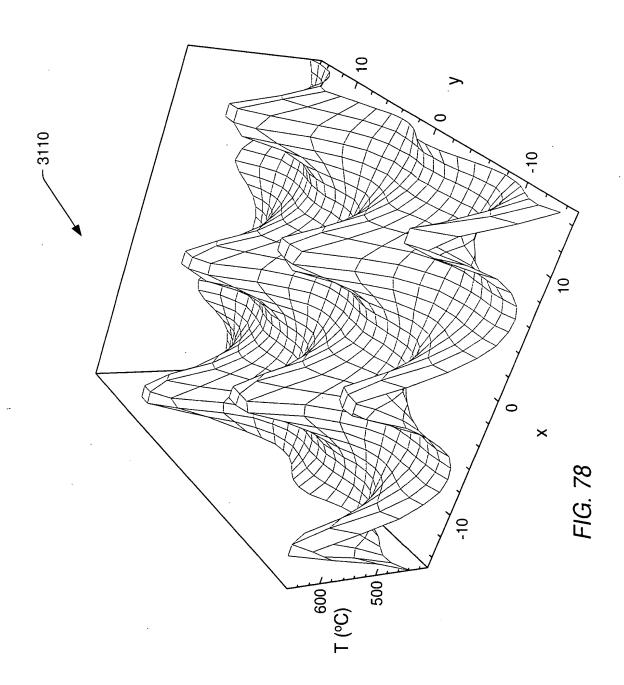
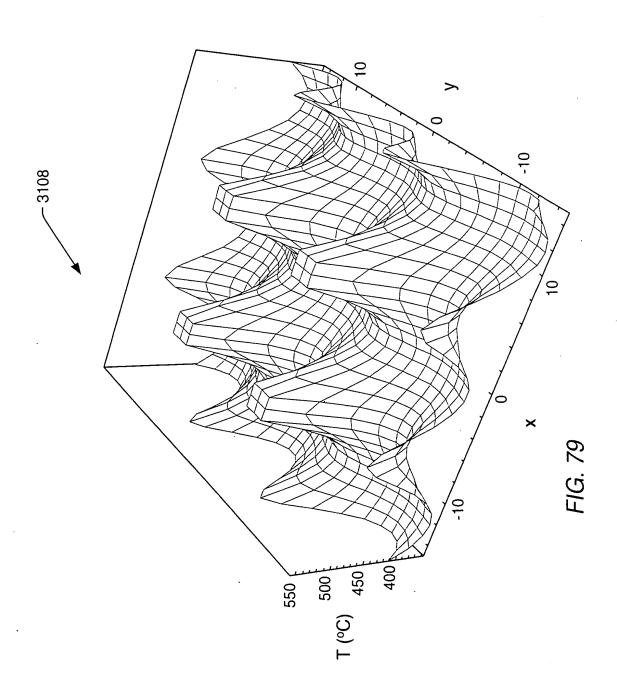


FIG. 77a





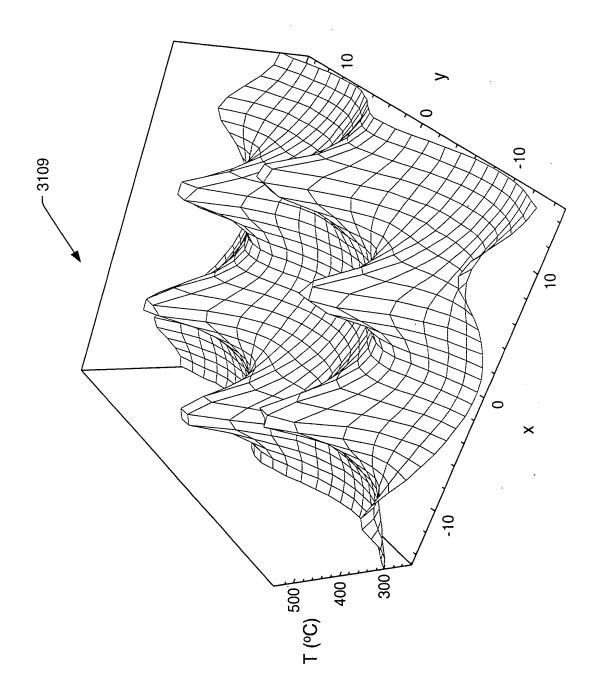


FIG. 79a

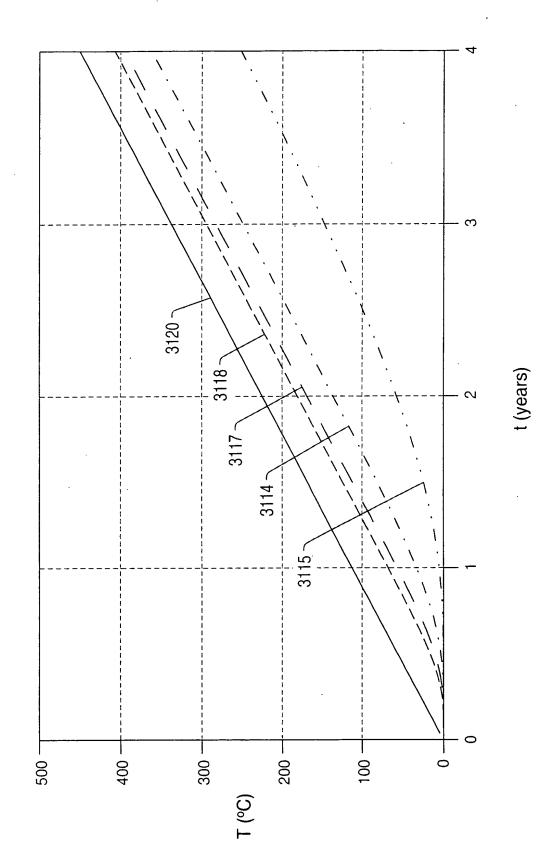


FIG. 80

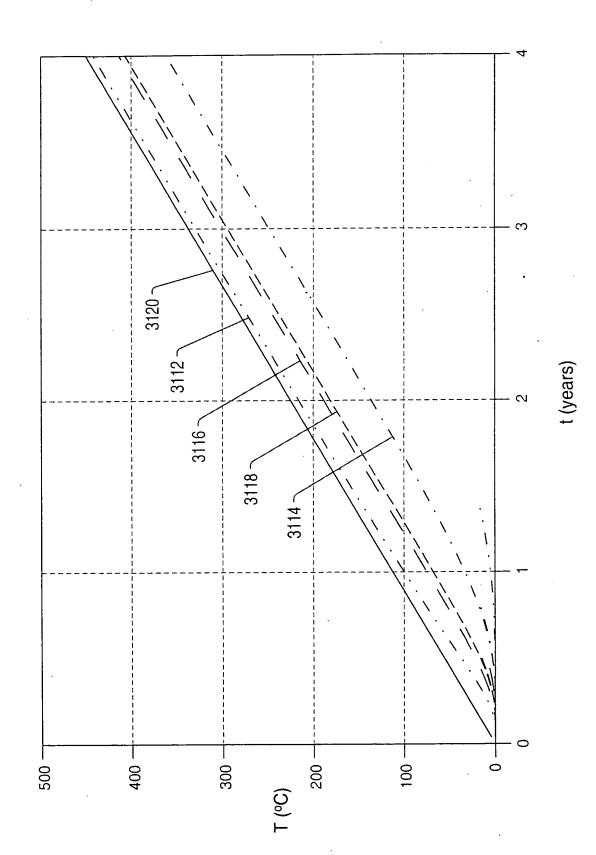
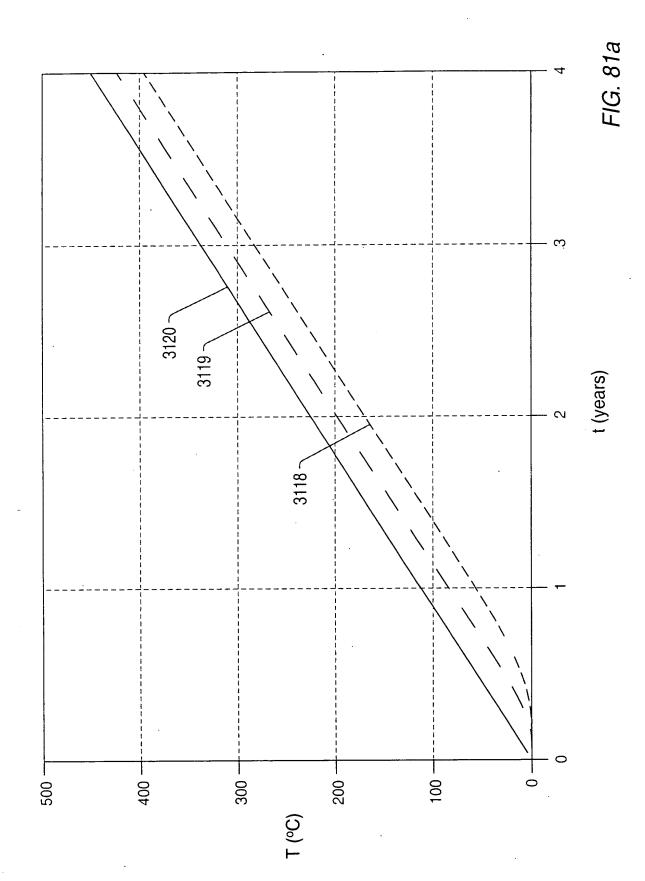


FIG. 81



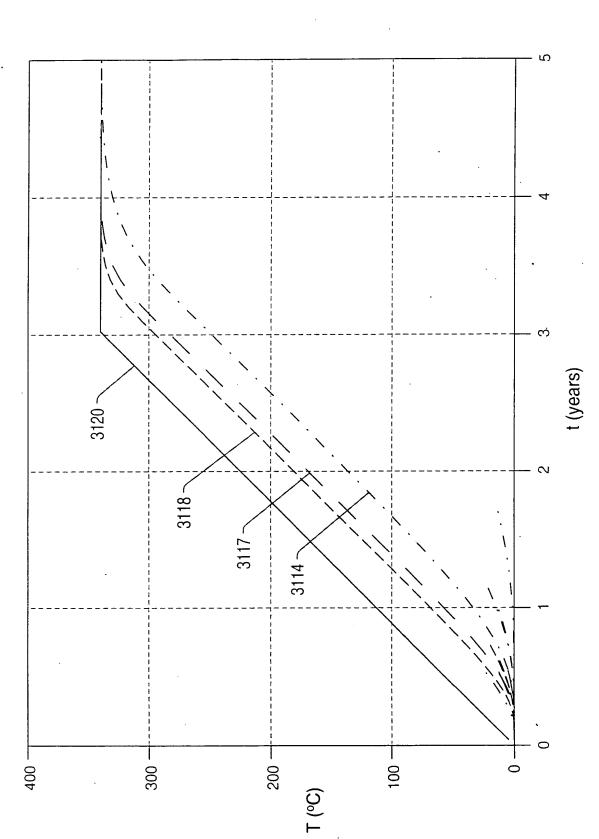
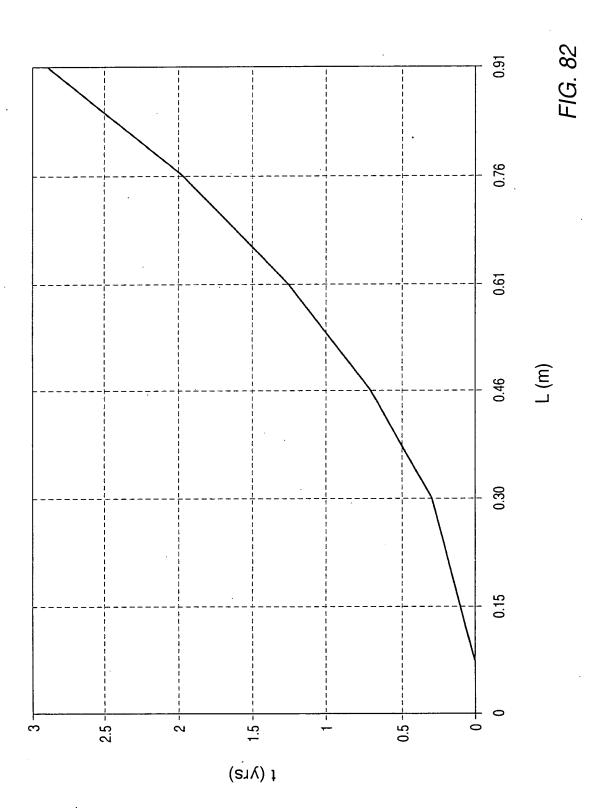
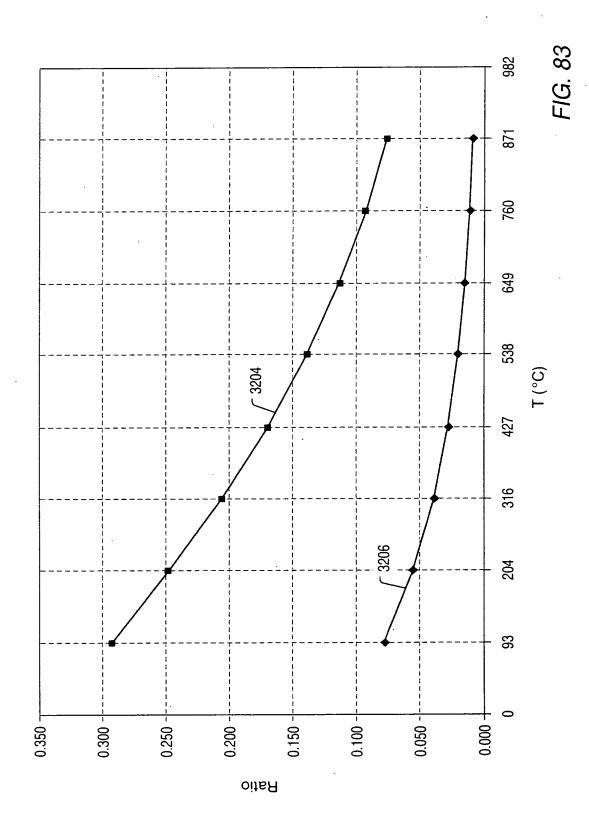
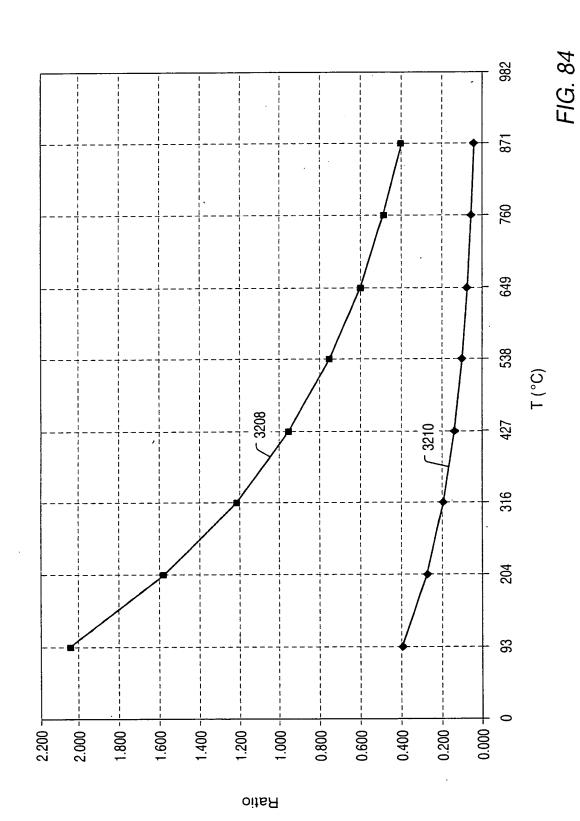
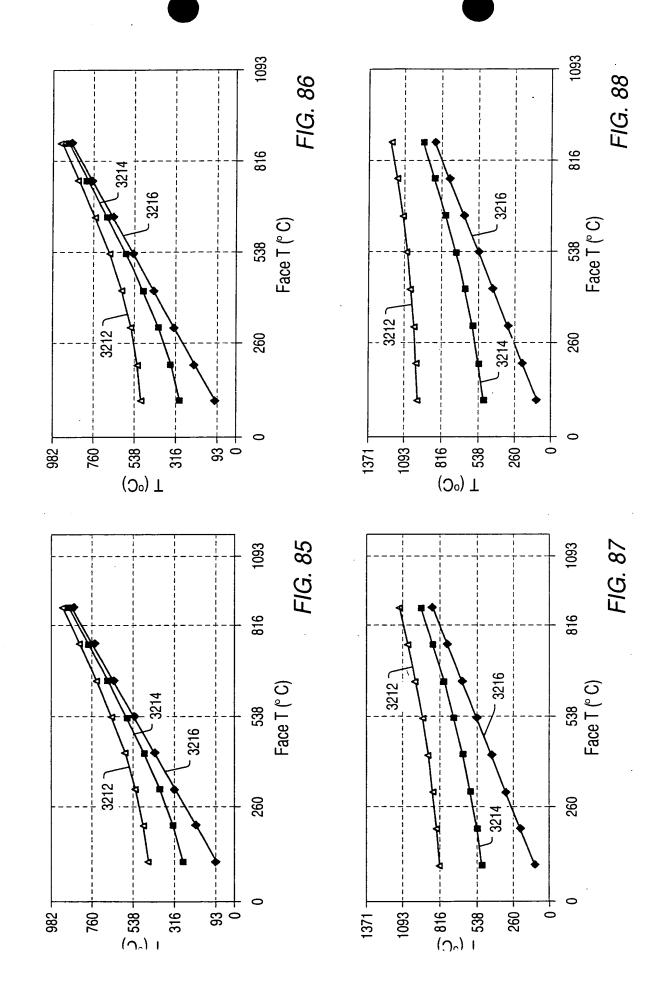


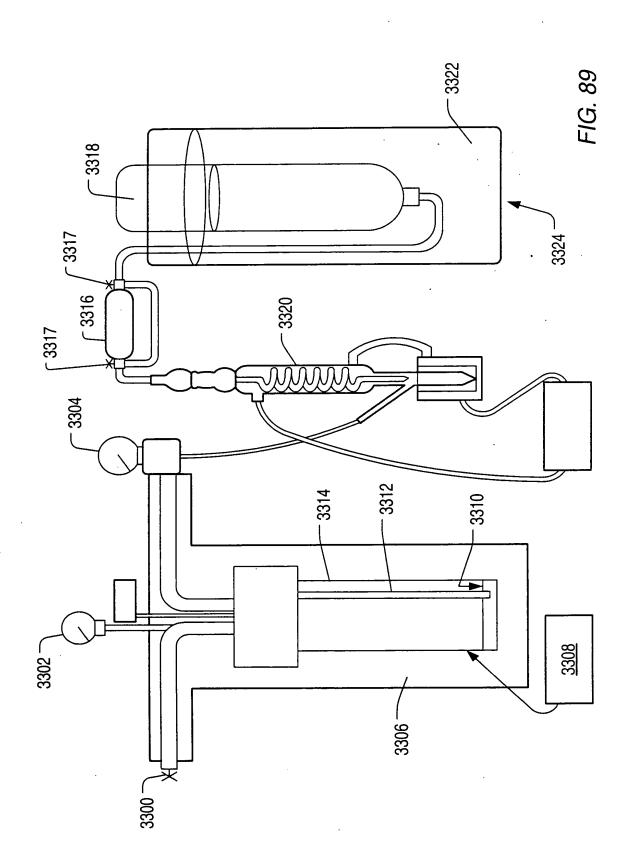
FIG. 81b

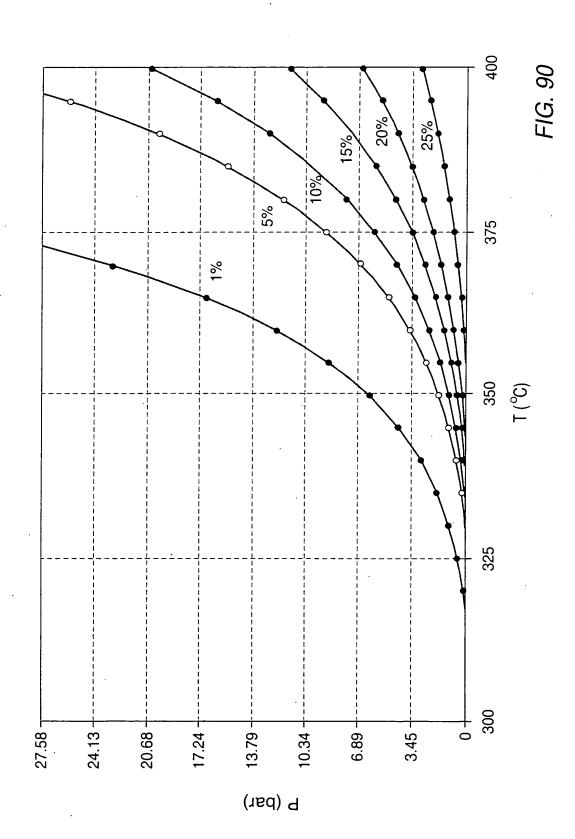


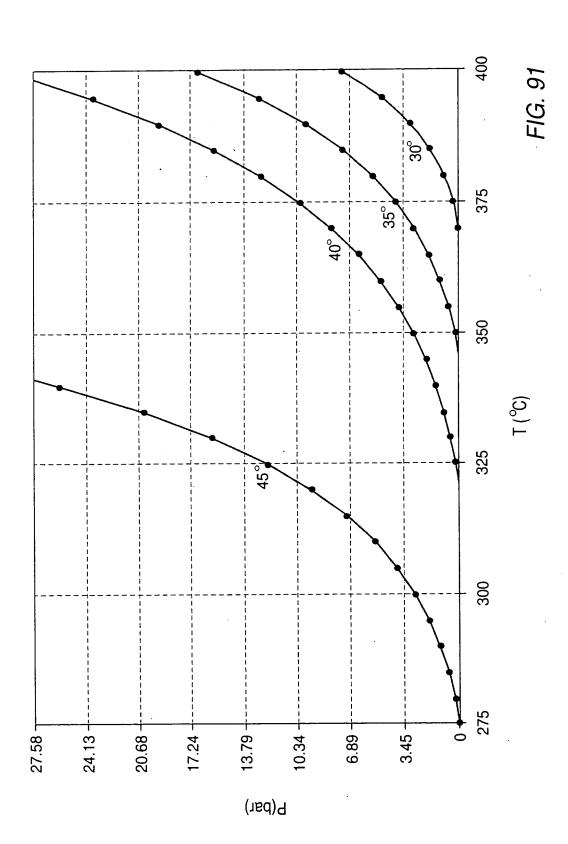


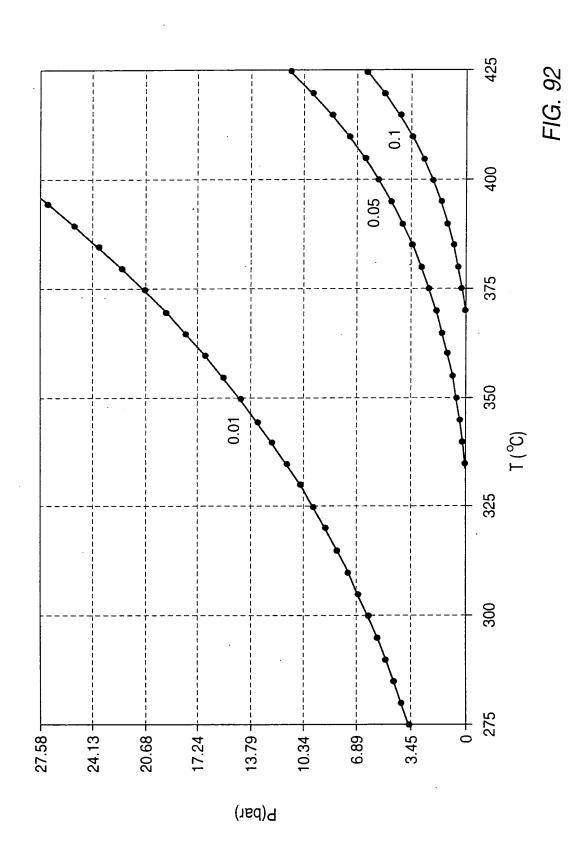


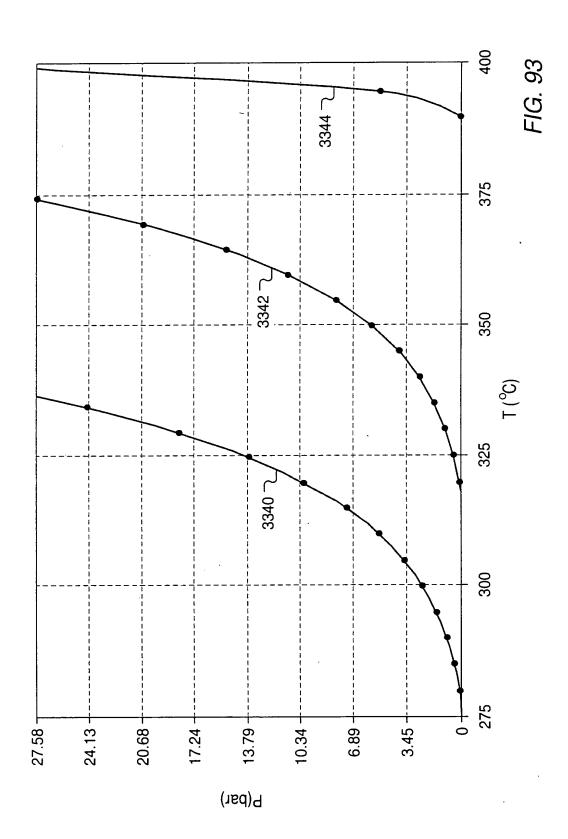


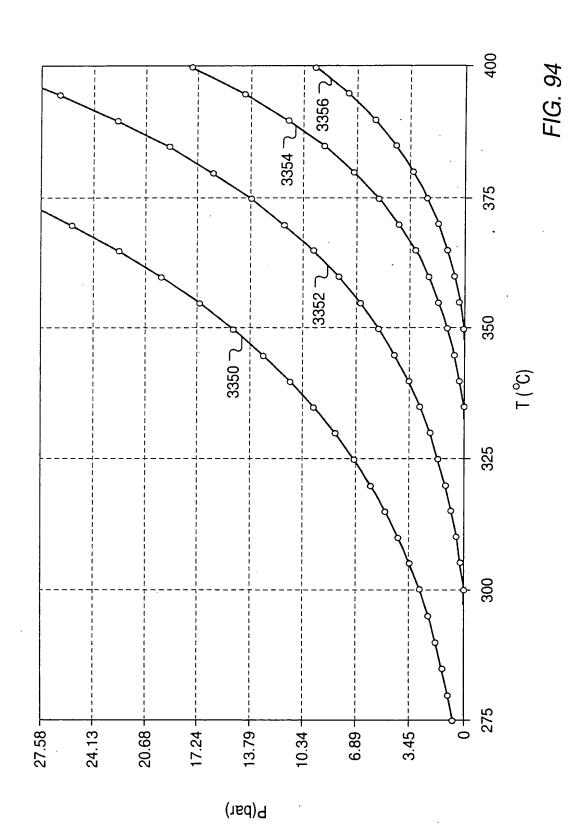


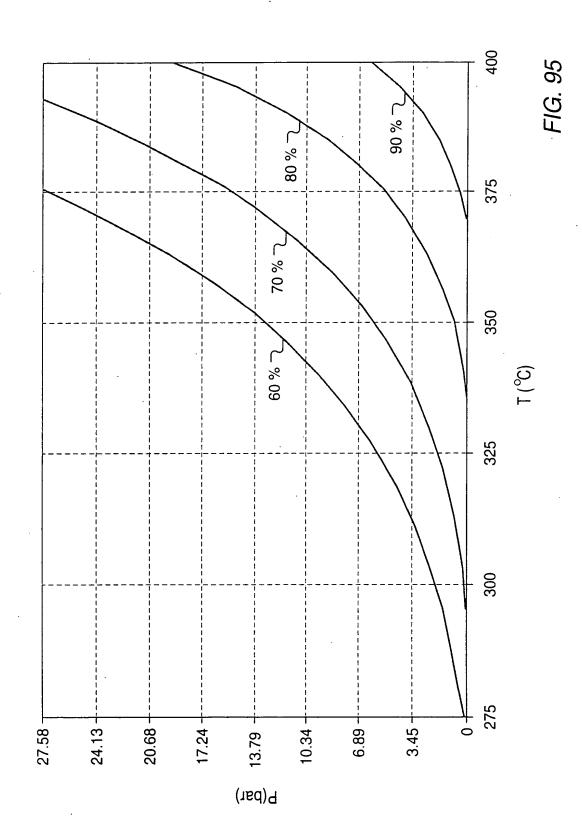


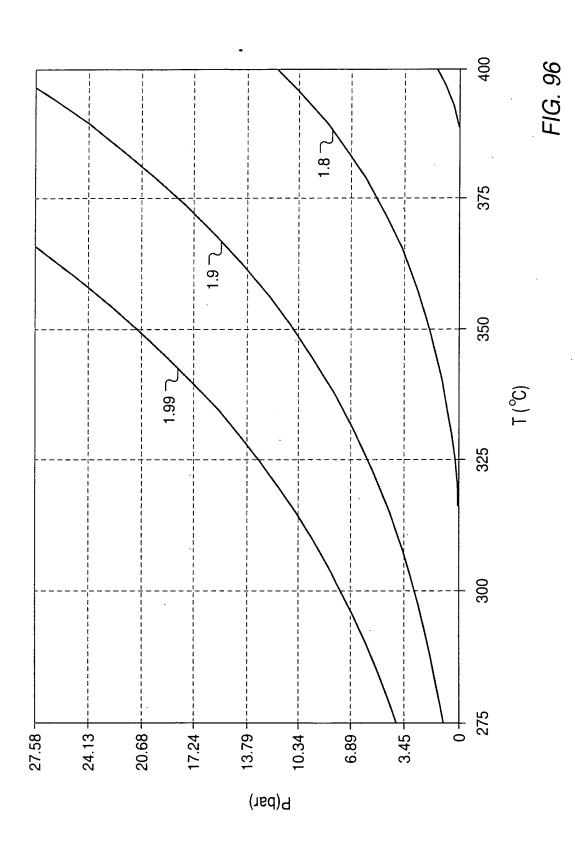


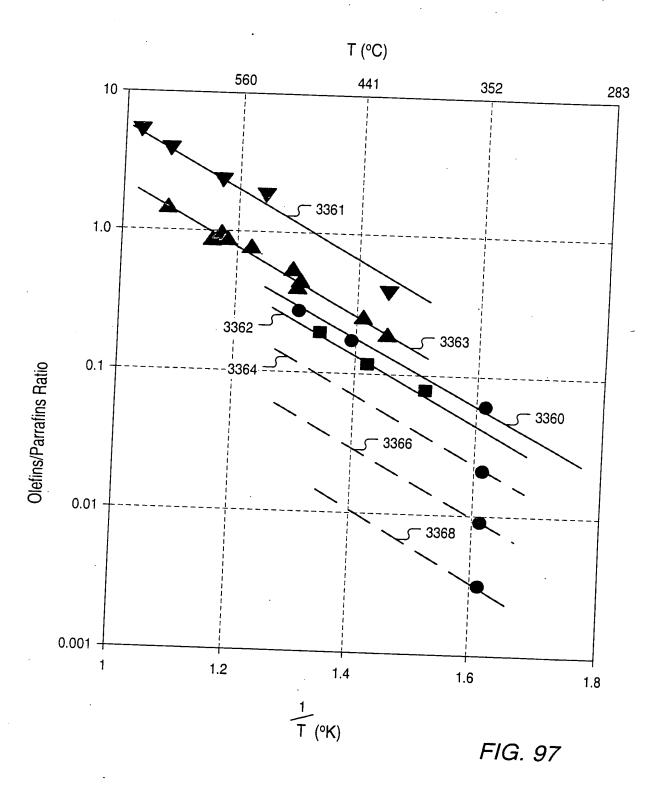


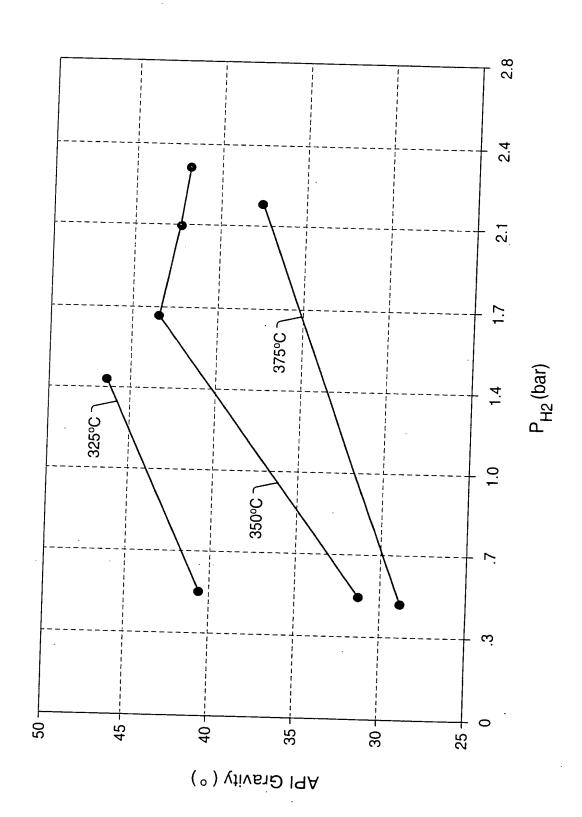


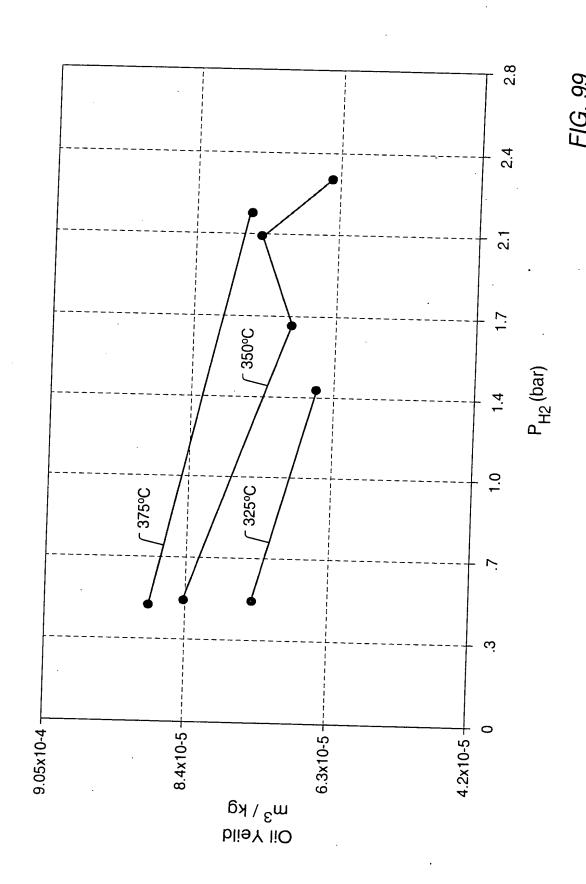


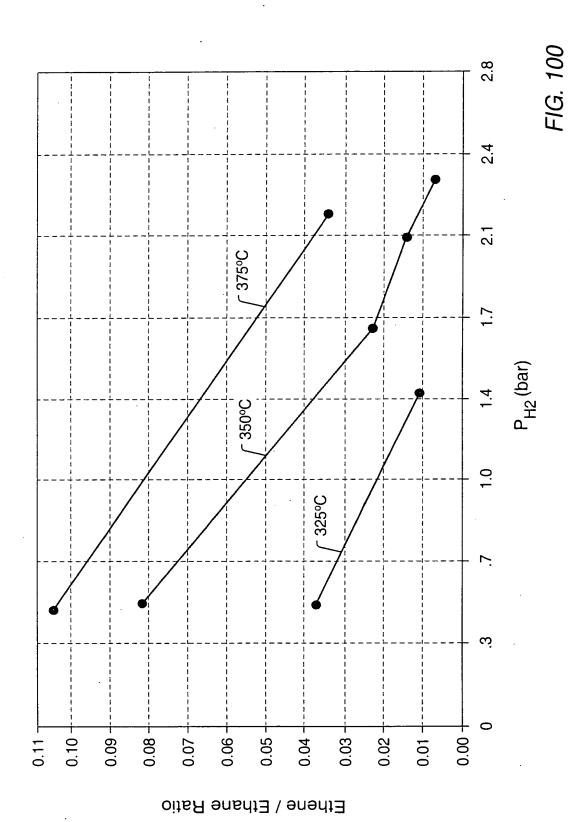


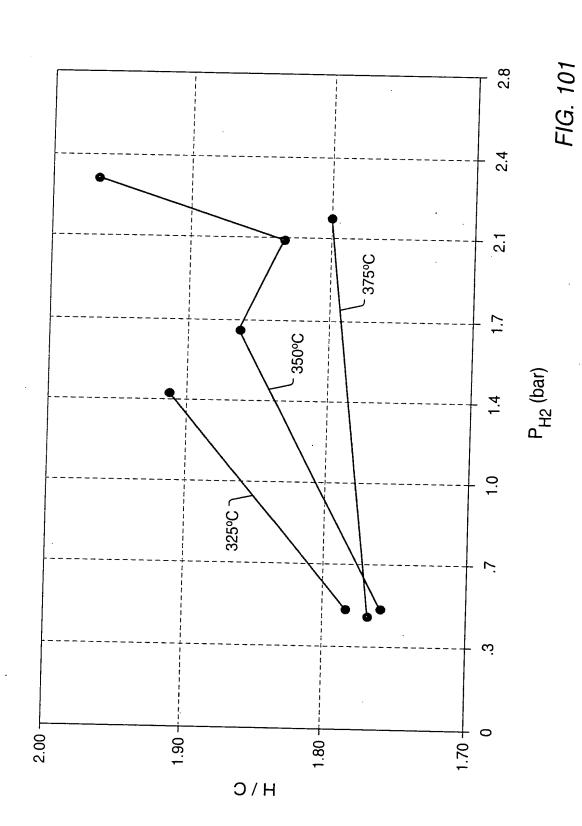


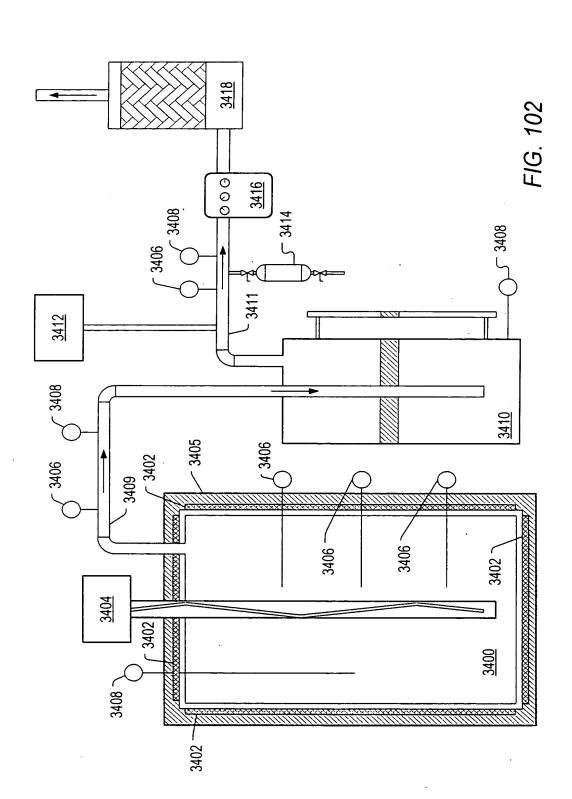


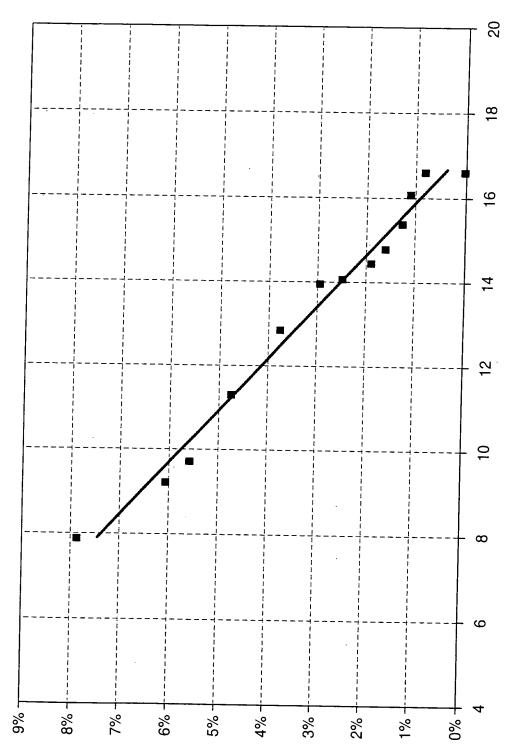












Ethene/Ethane Molar Ratio

H₂ Concentration (mol%)

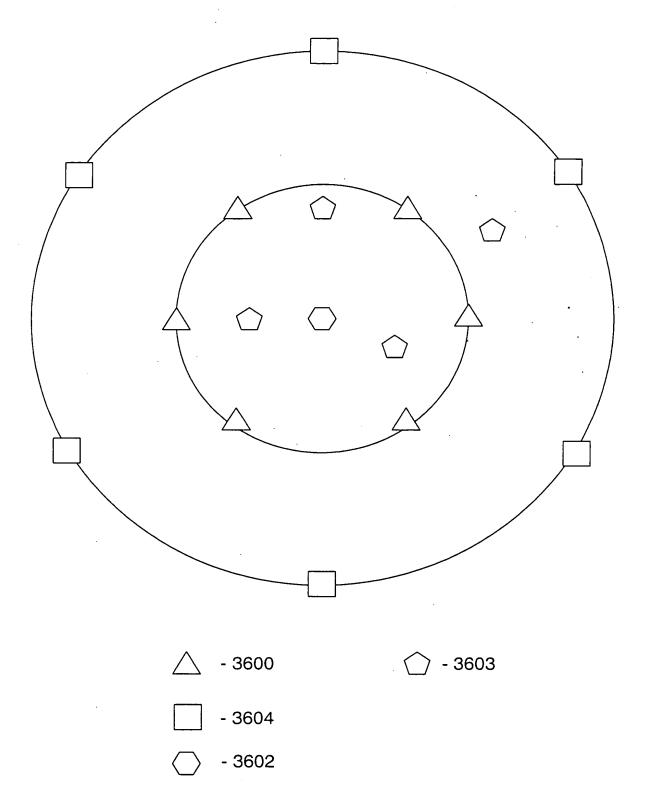
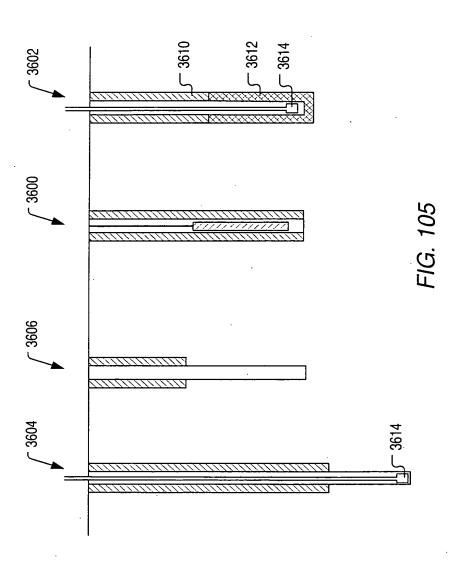
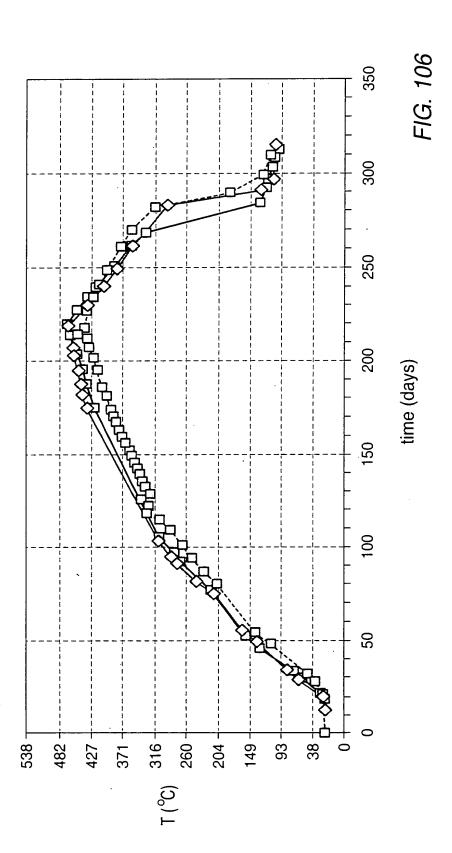
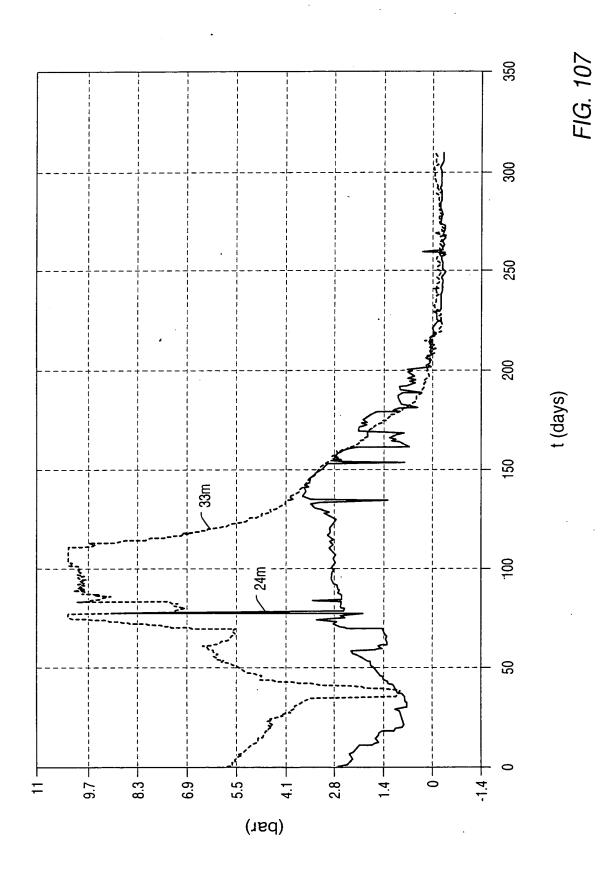


FIG. 104







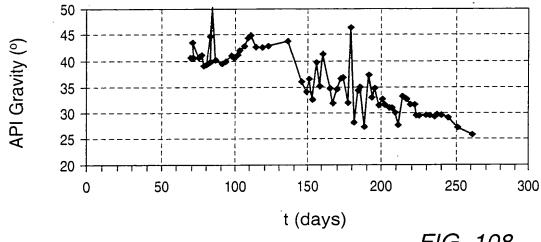


FIG. 108

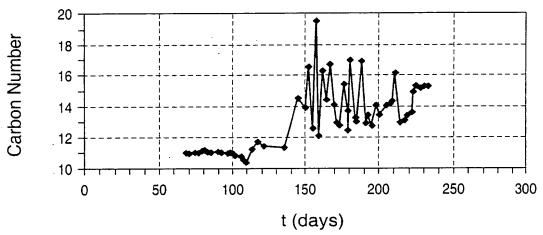


FIG. 109

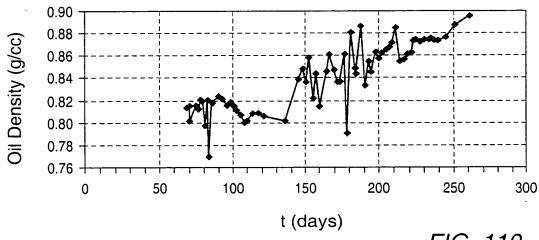


FIG. 110

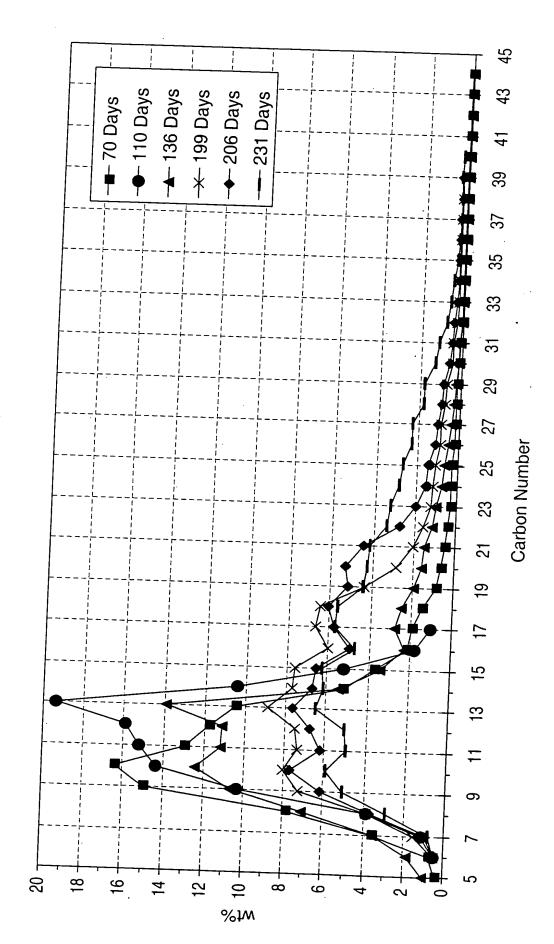


FIG. 111

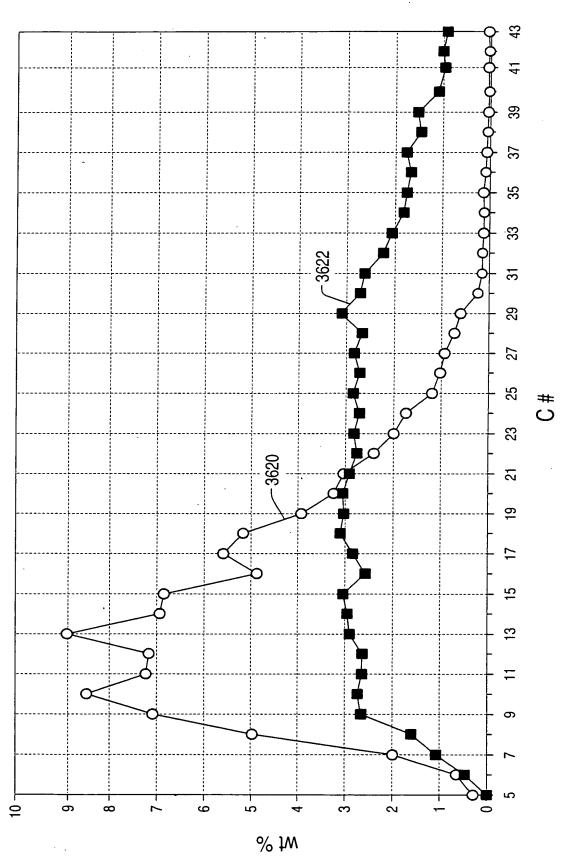
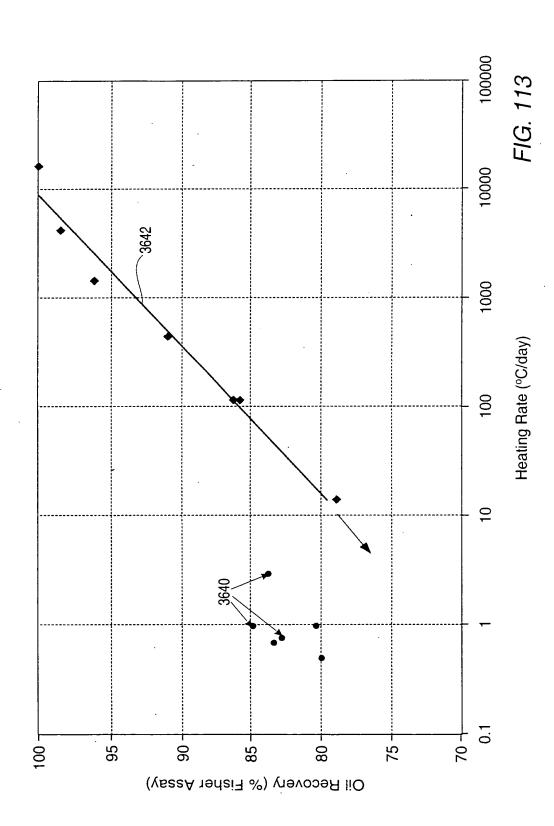
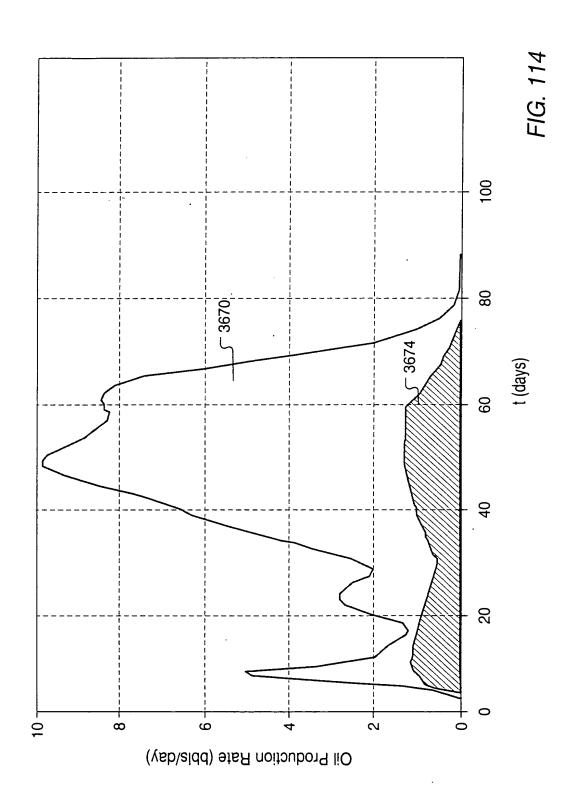
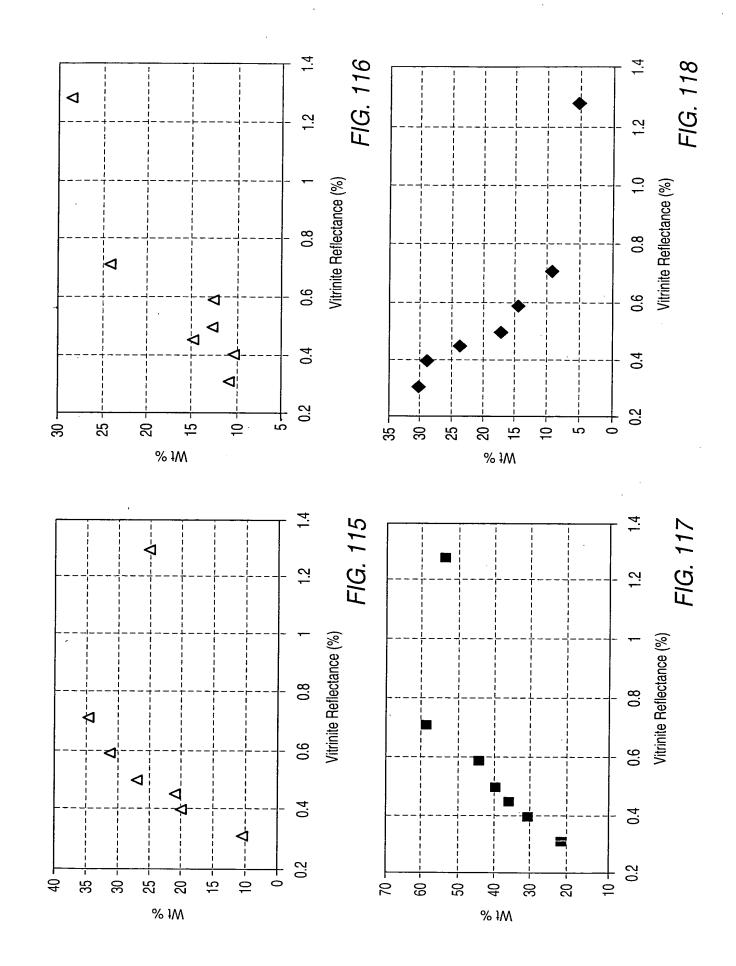


FIG. 112







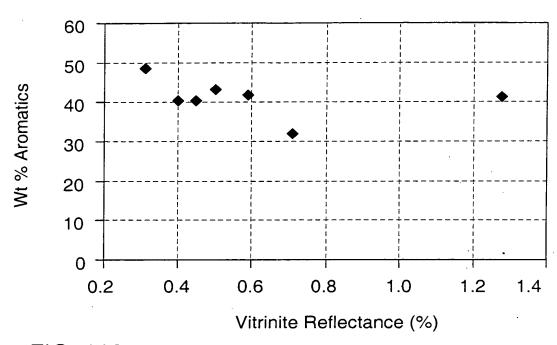


FIG. 119

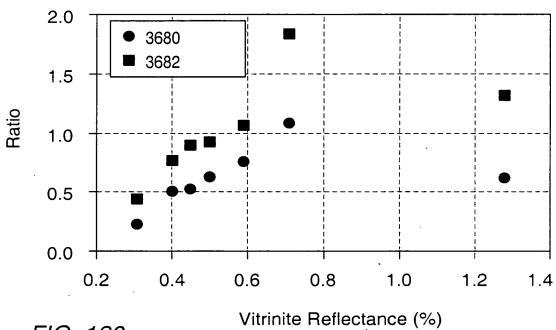
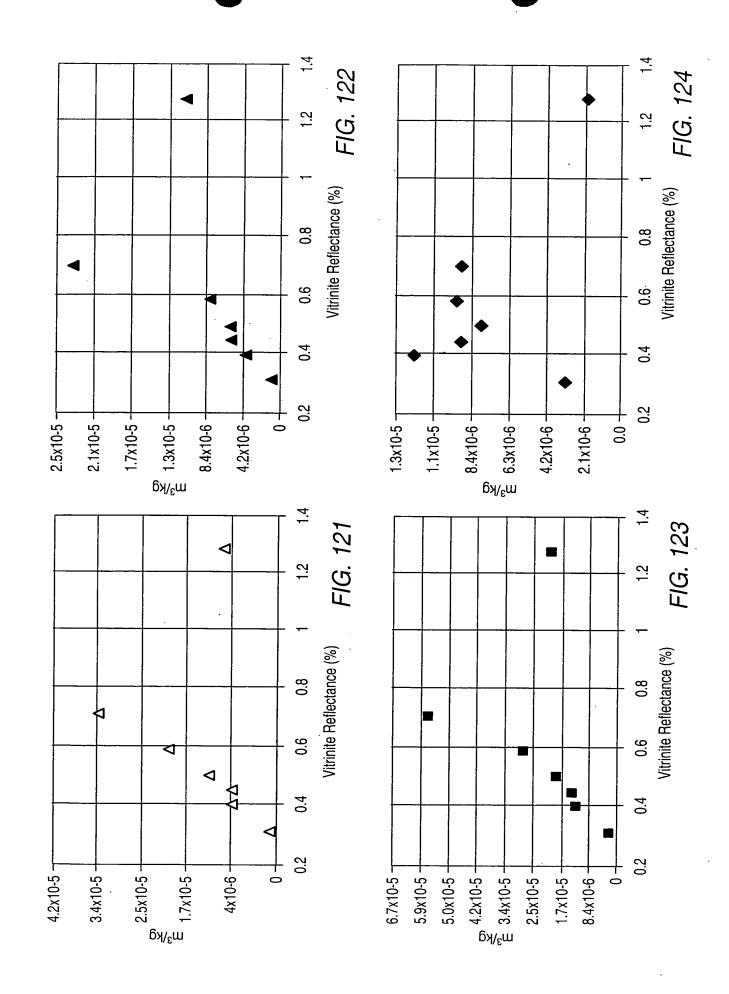
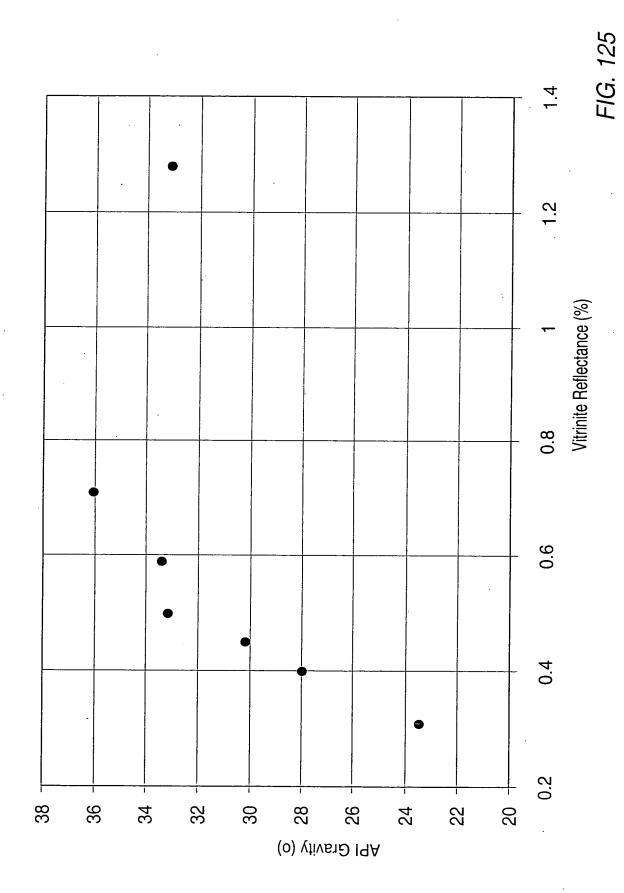
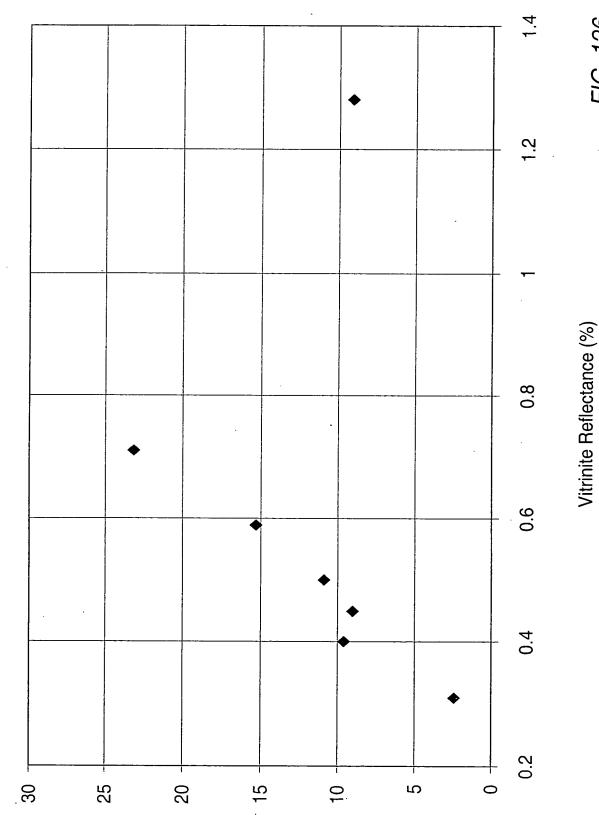


FIG. 120

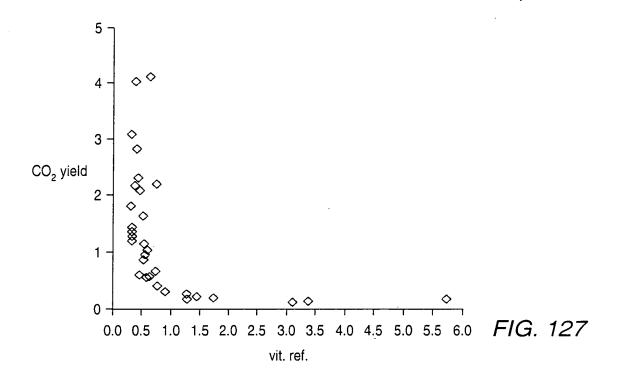


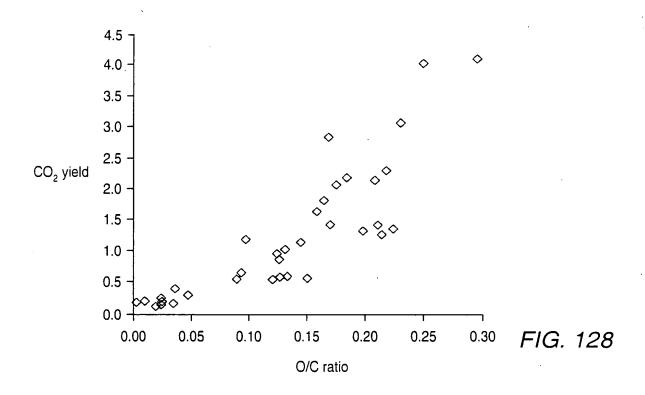


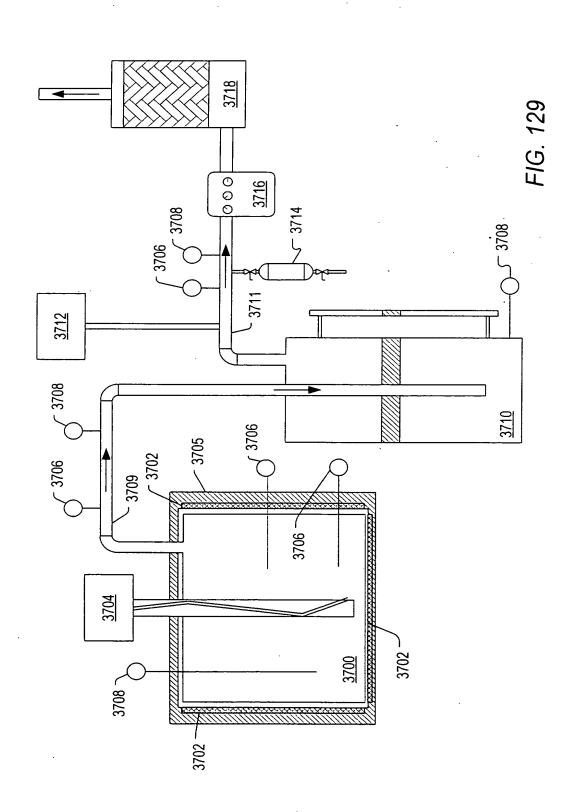


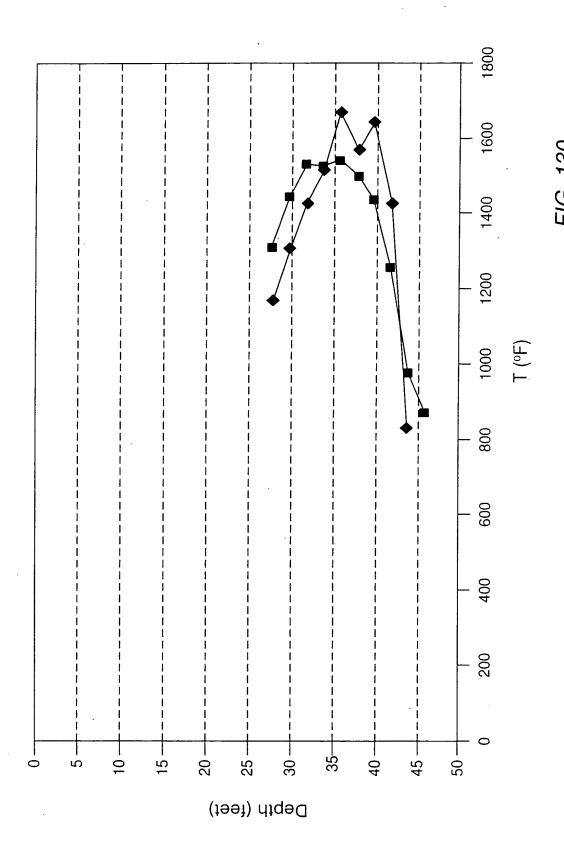
Oil Yield (gal/ton, daf coal)

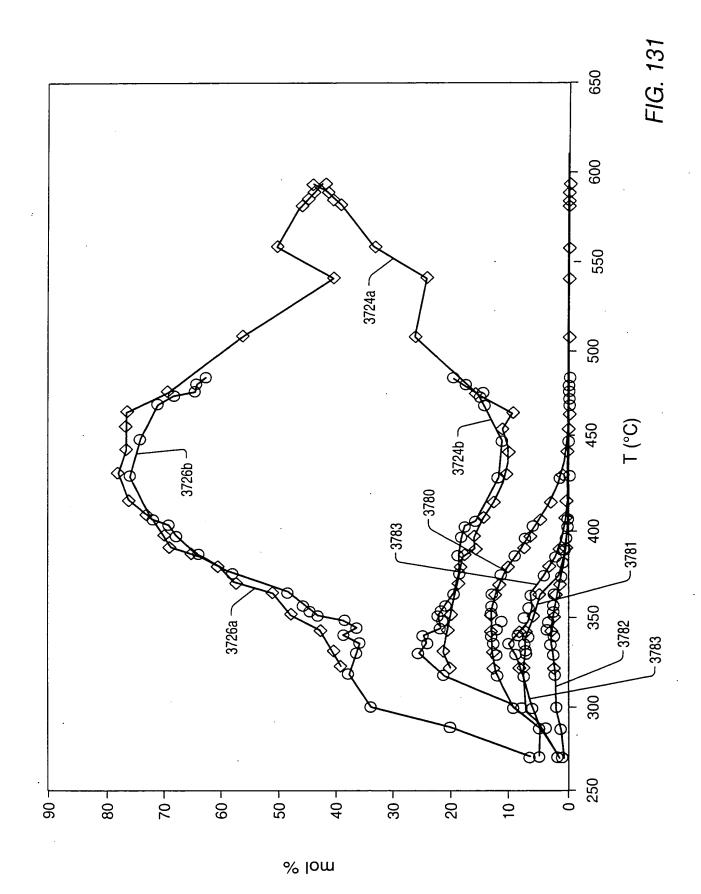
F/G. 126

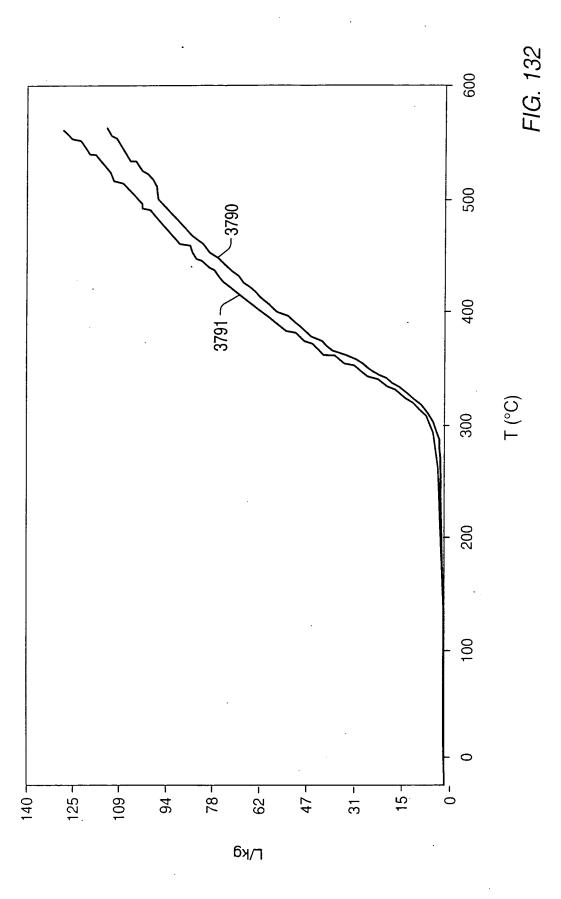




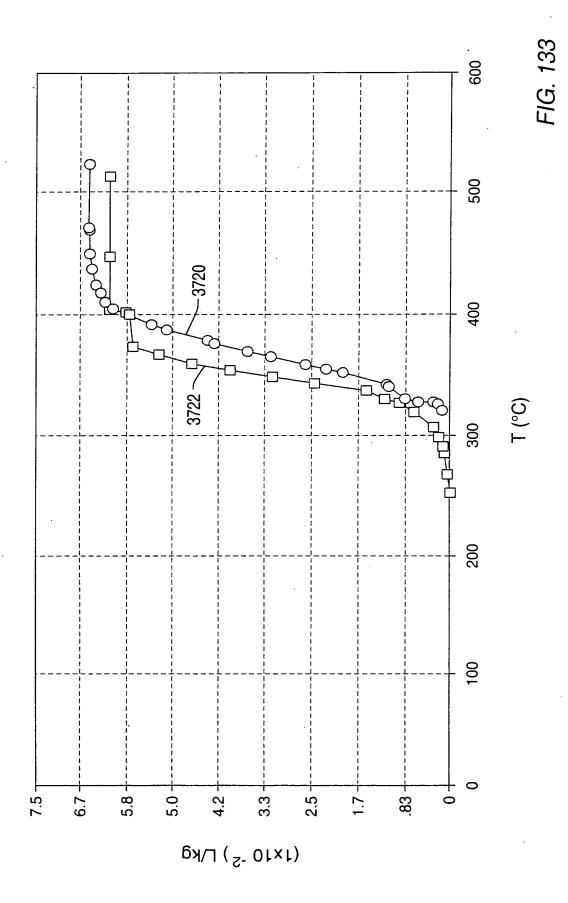








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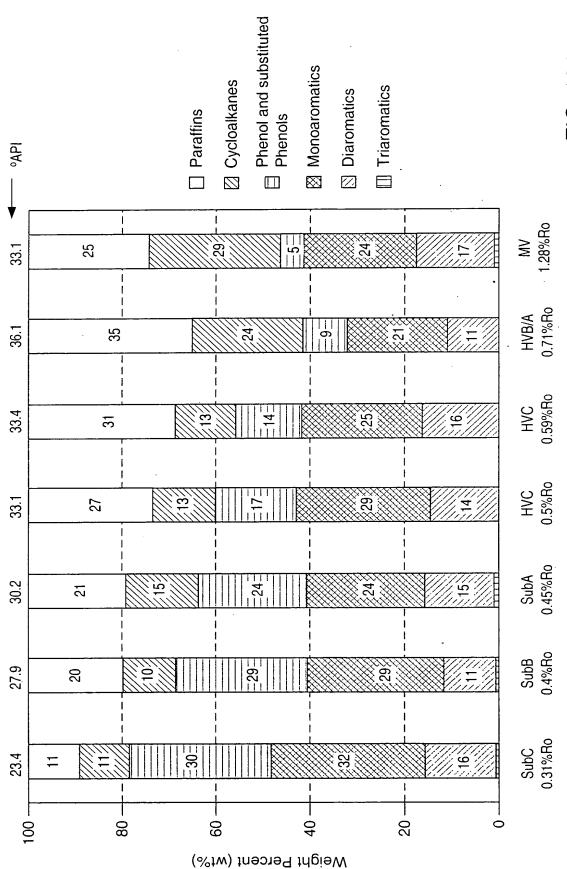
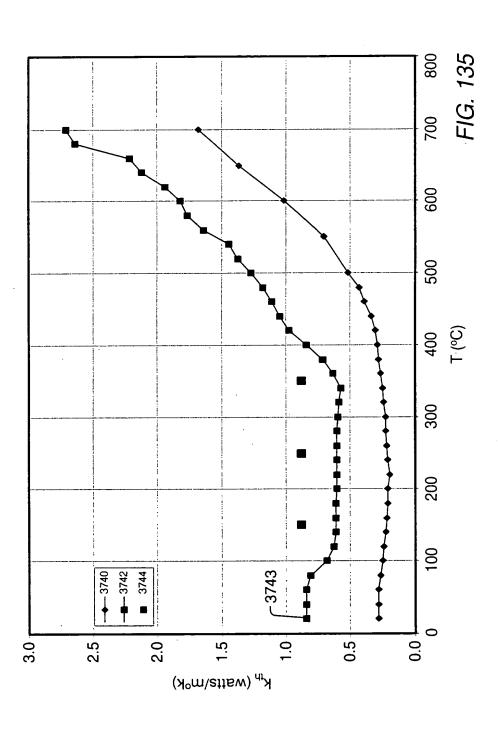
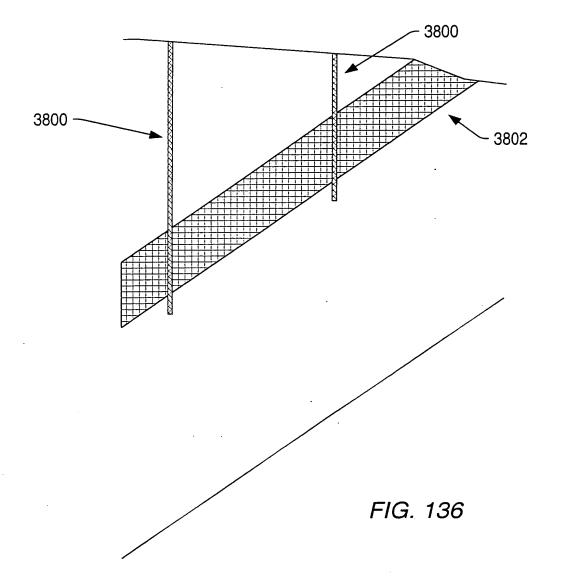
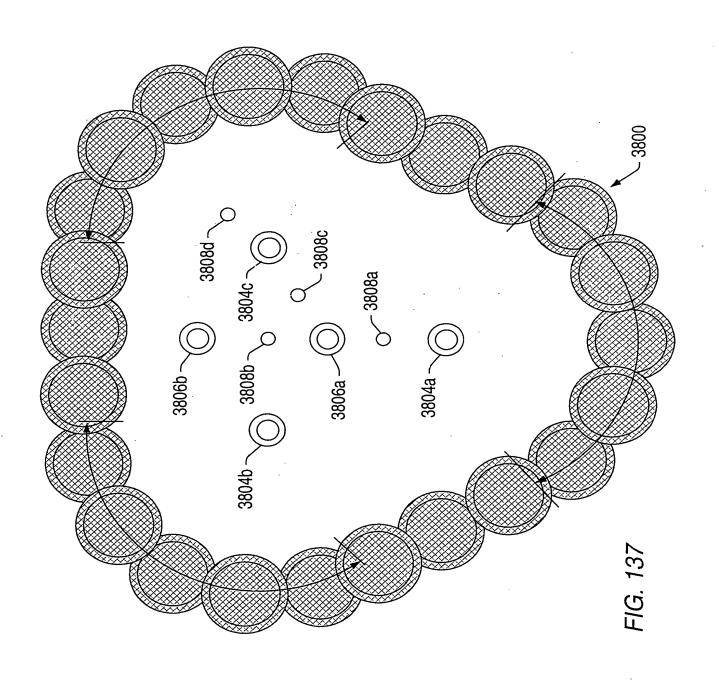
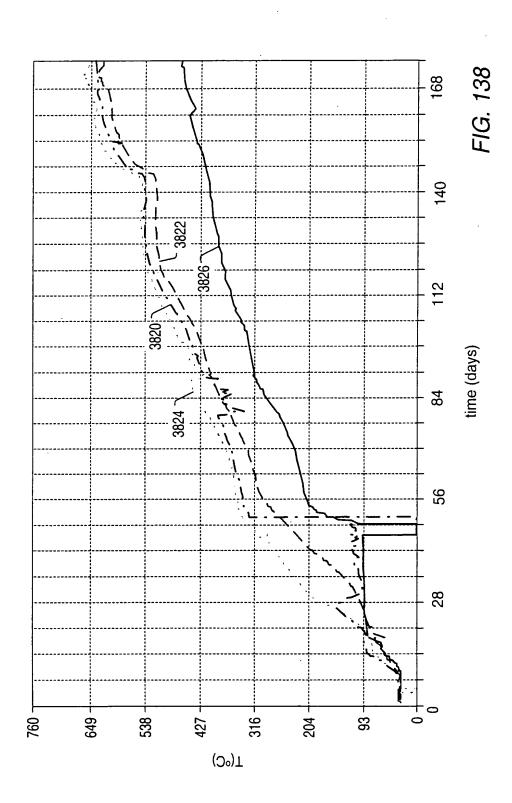


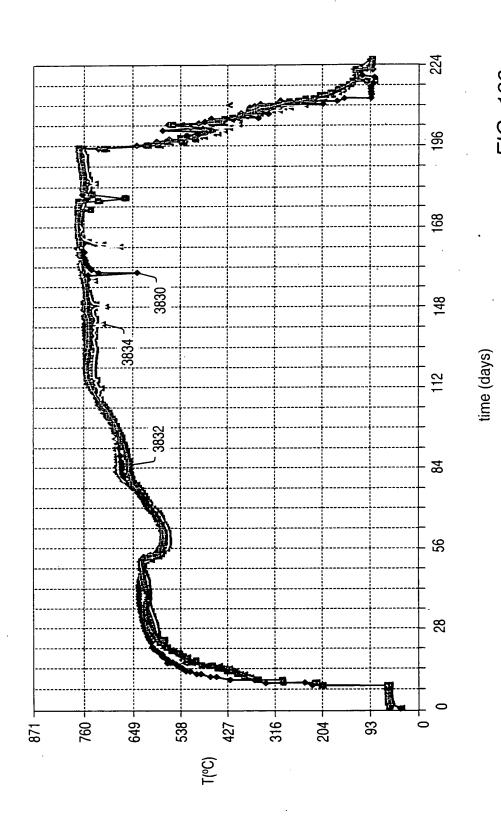
FIG. 134

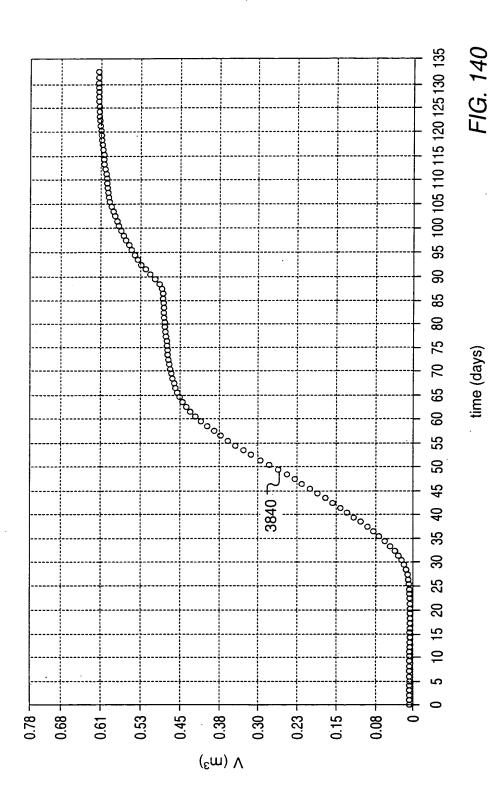


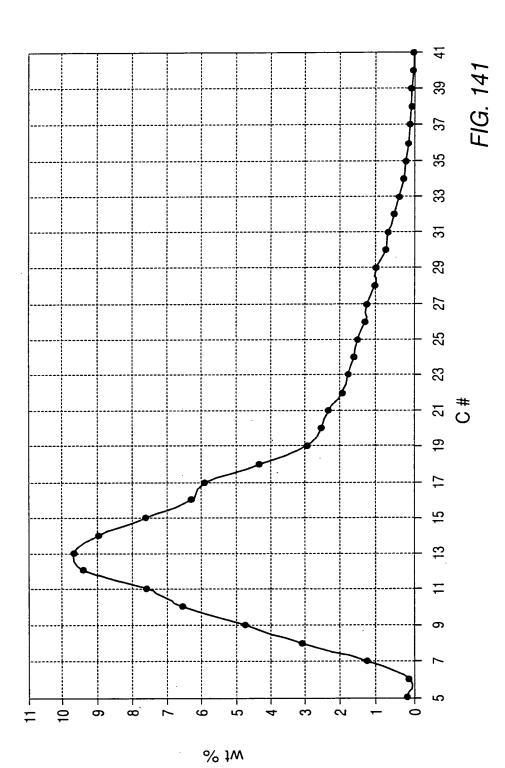












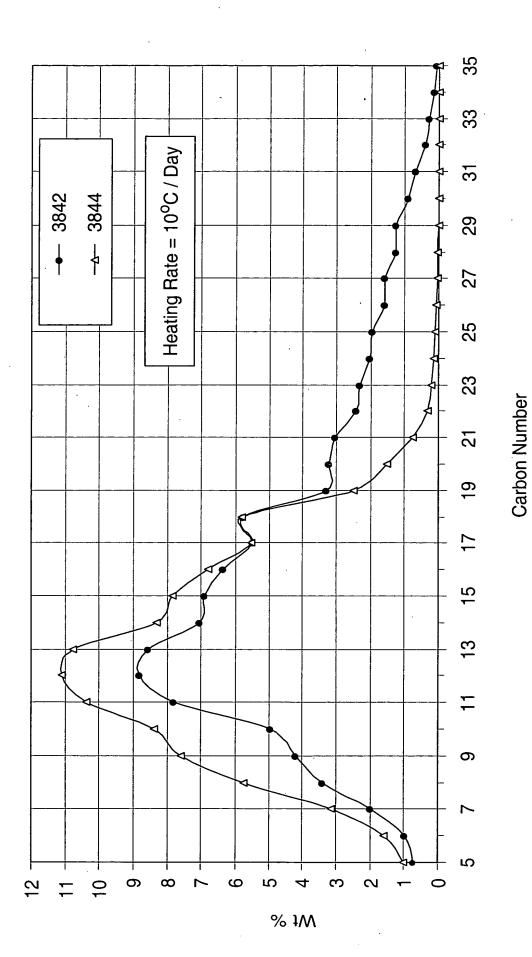
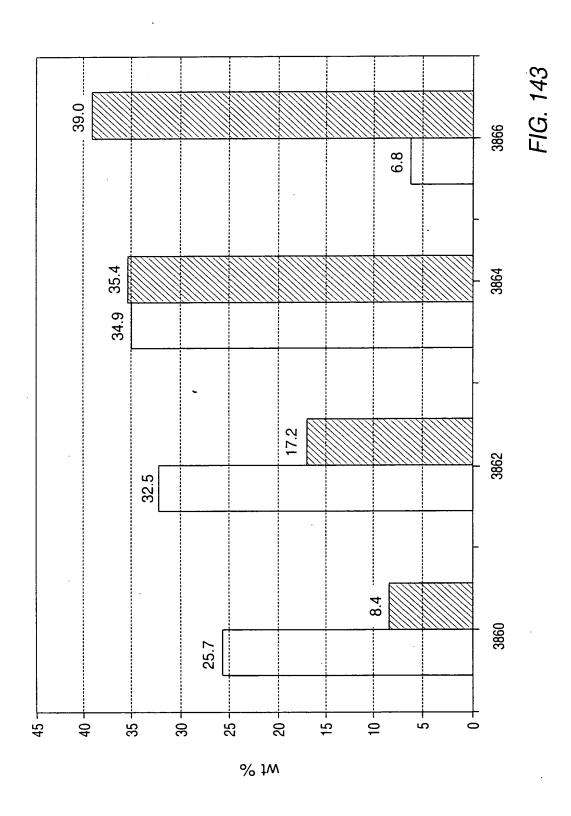
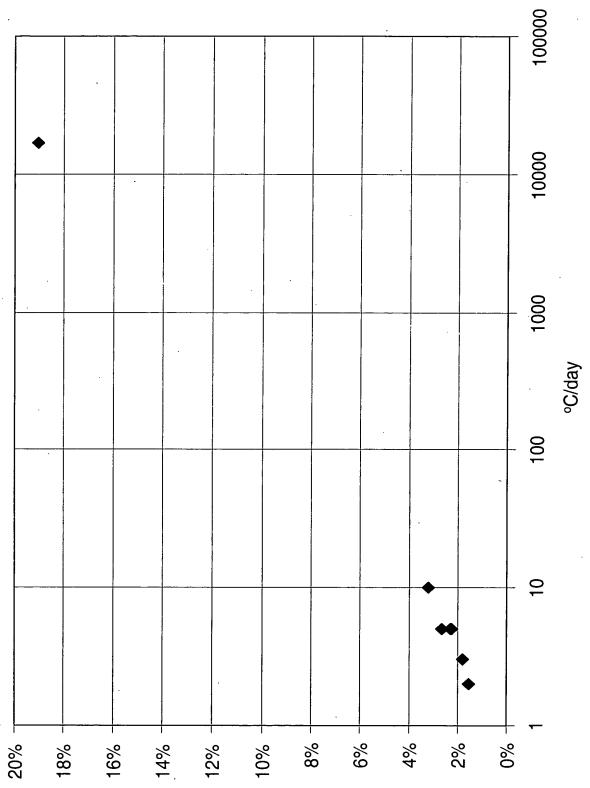


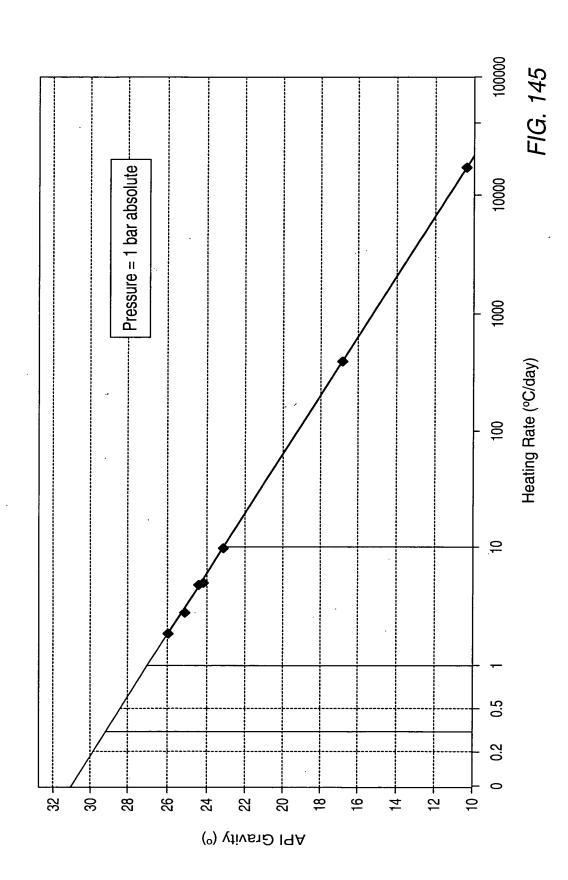
FIG 142

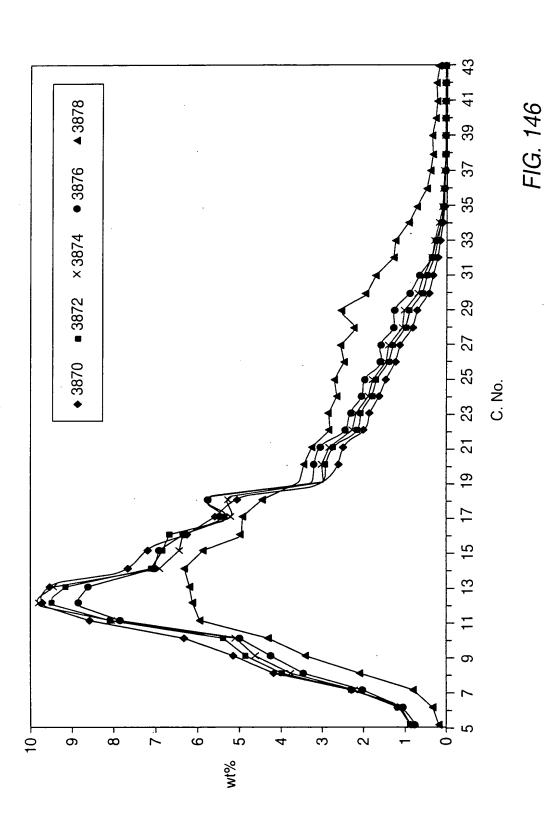


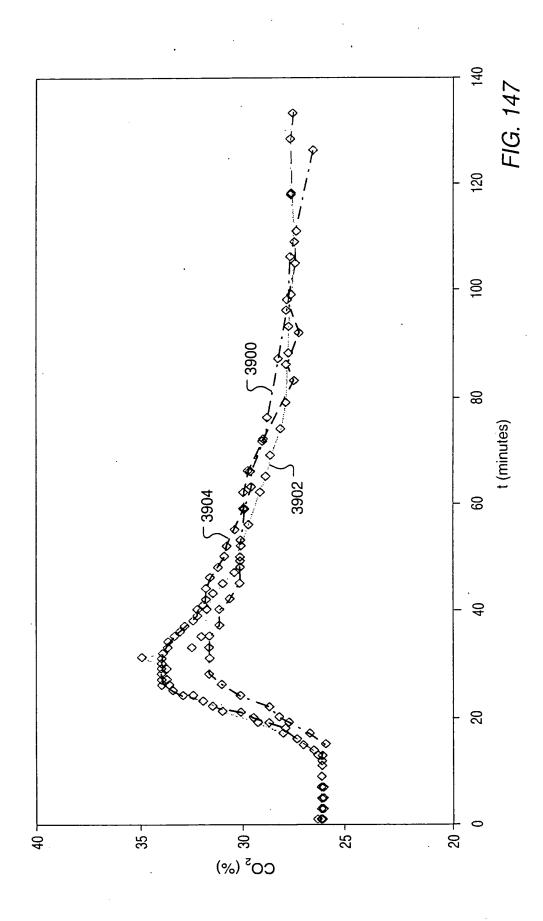


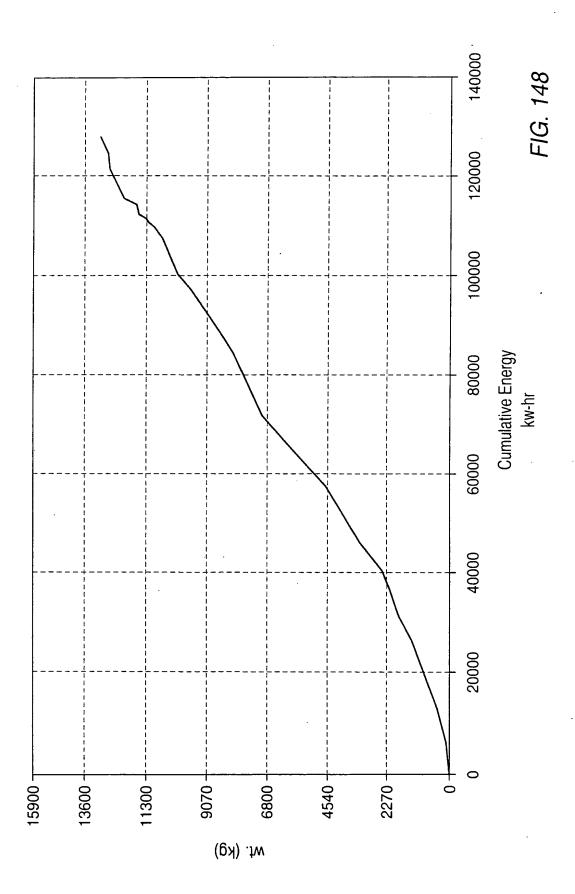
Ethene/Ethane Ratio

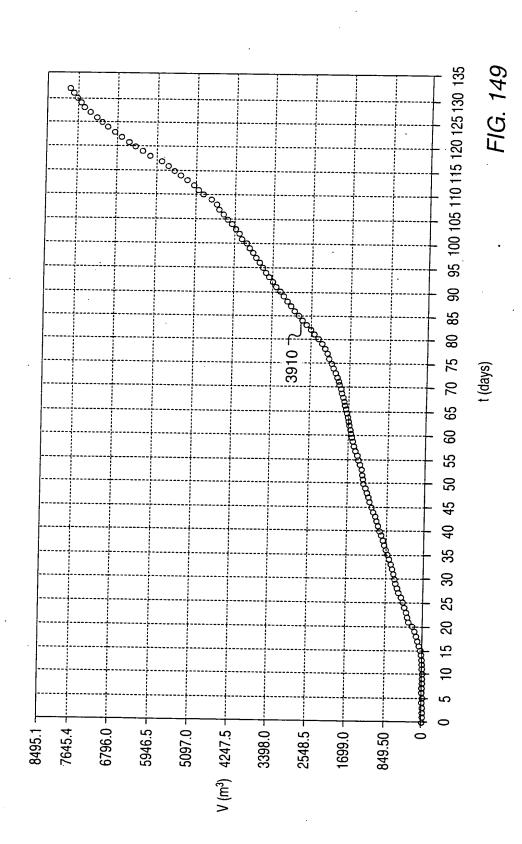
FIG. 144

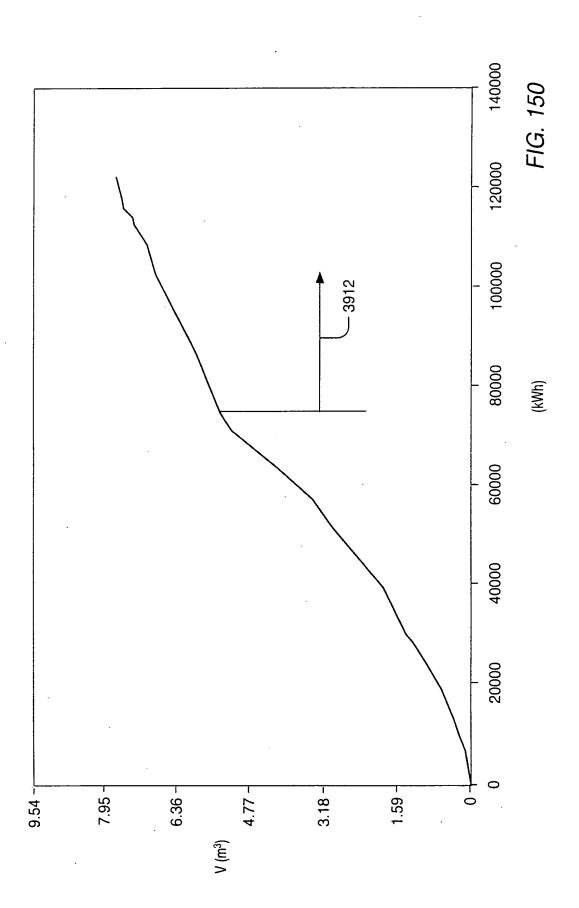


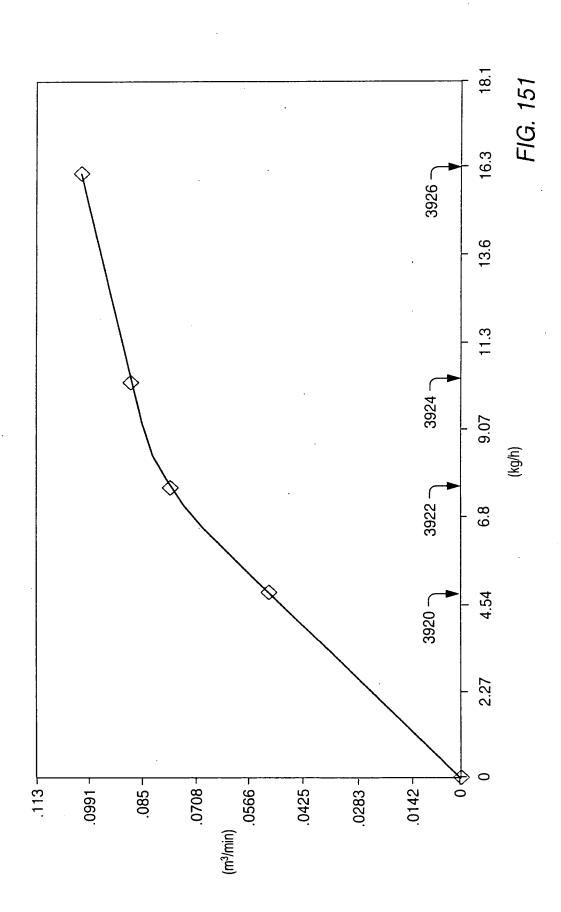


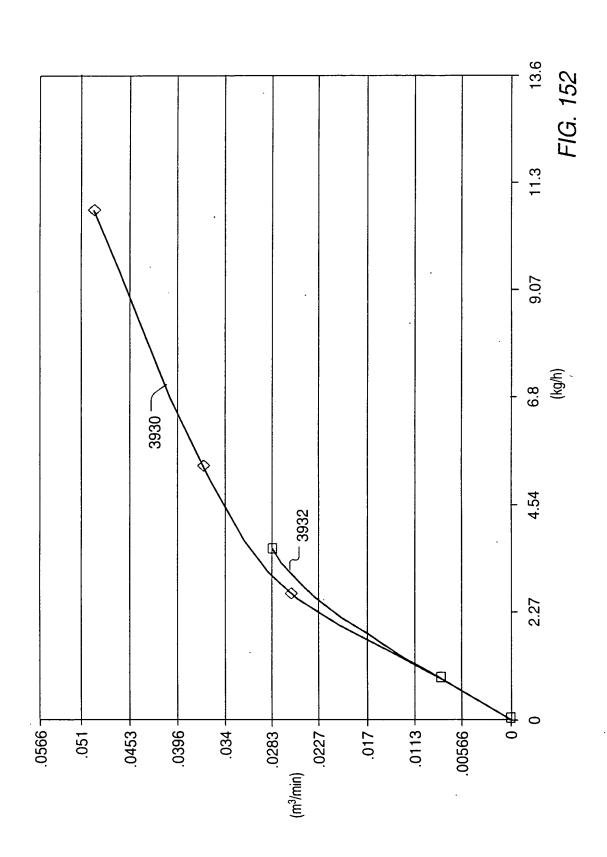












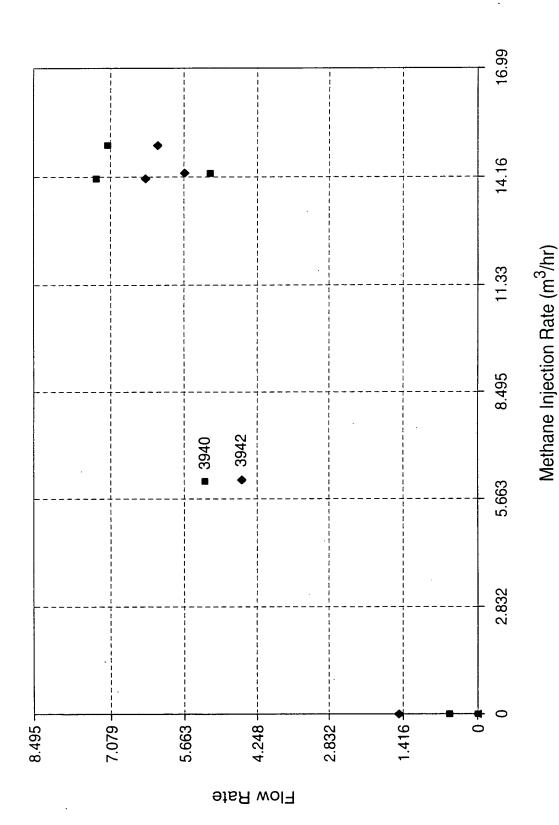
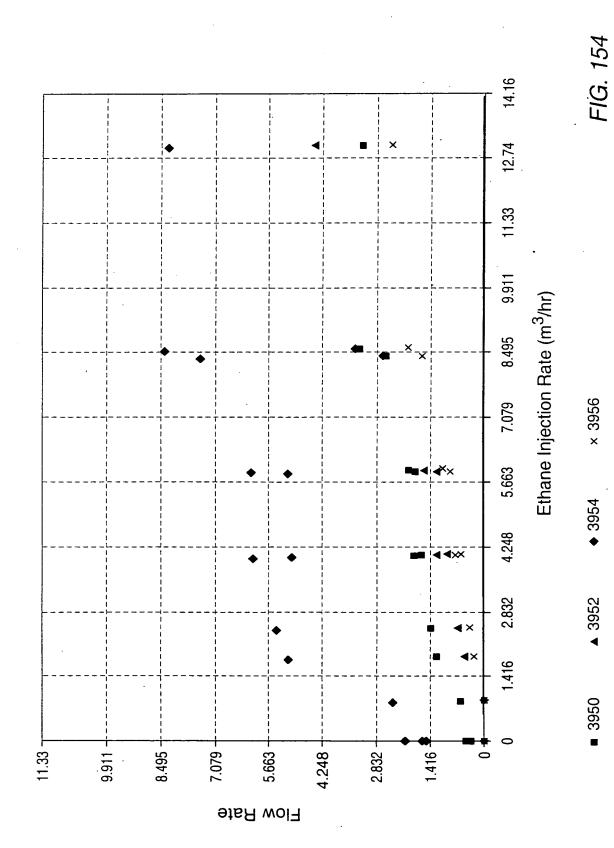
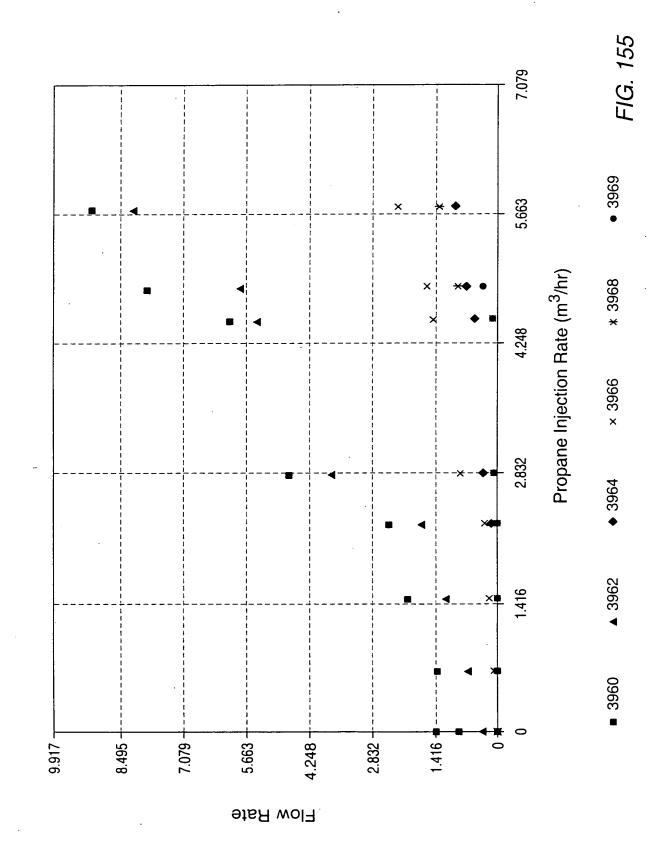
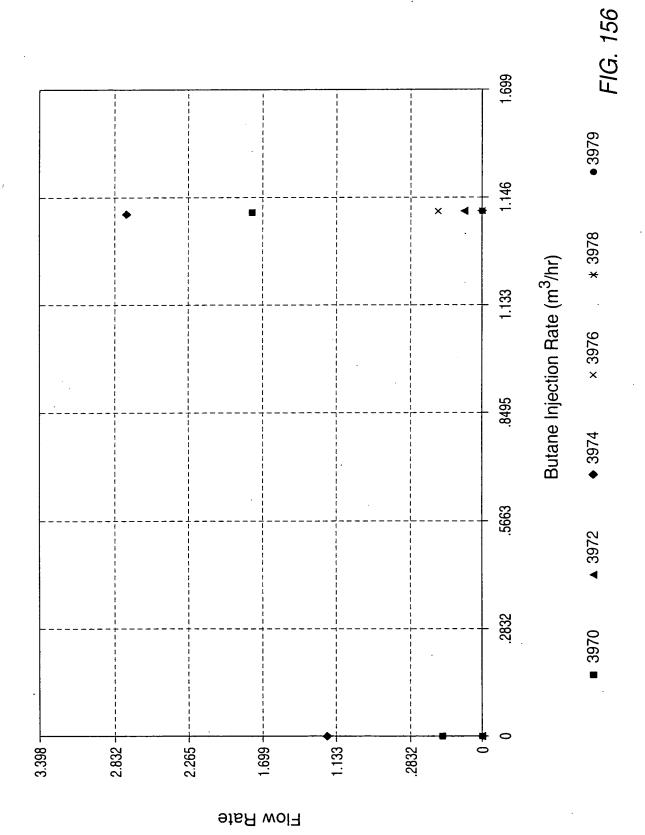
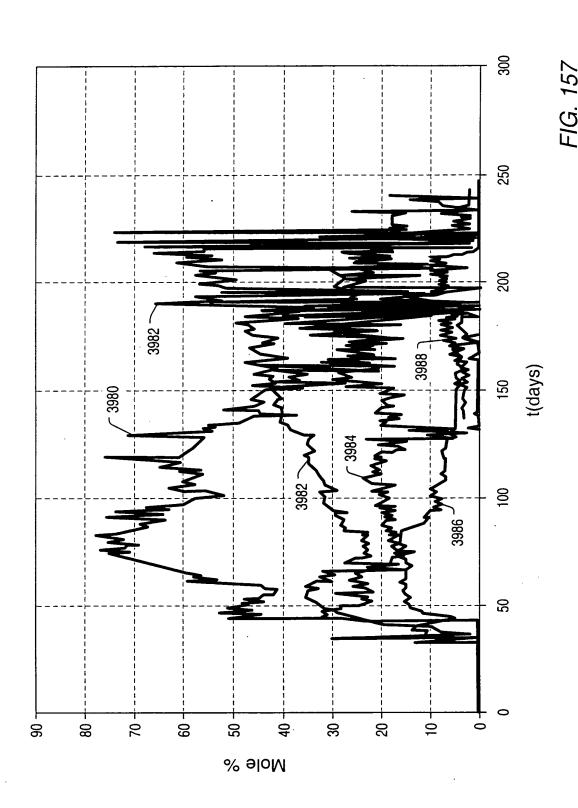


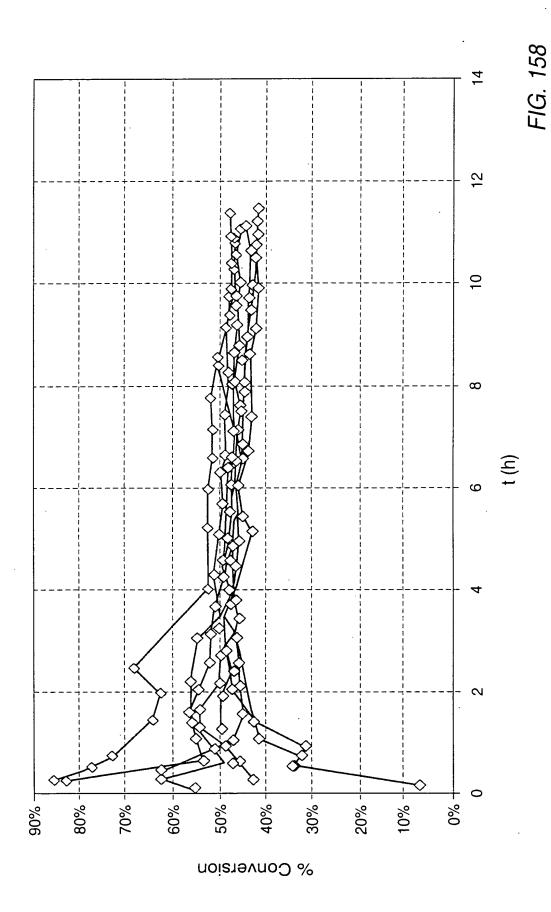
FIG. 153

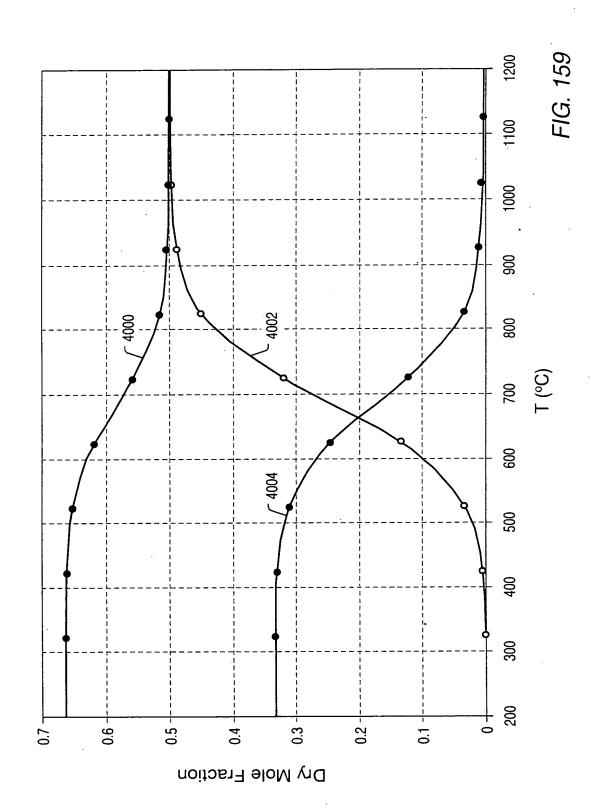


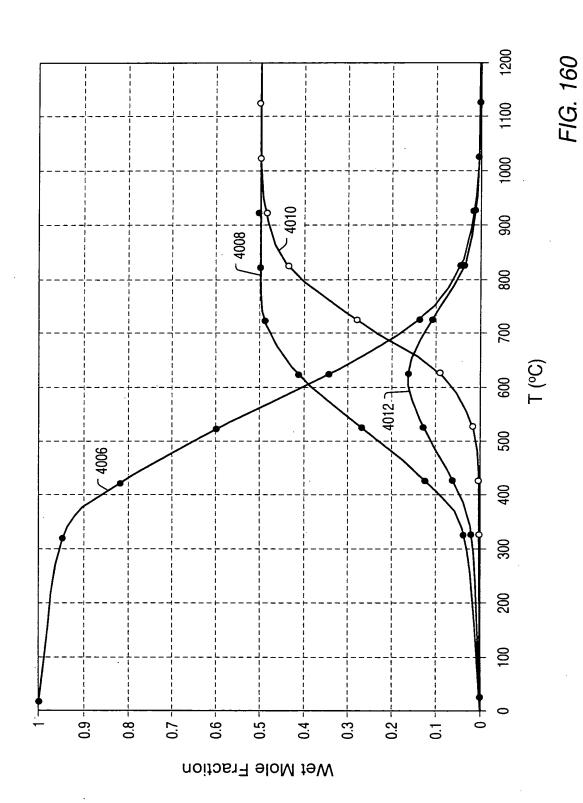












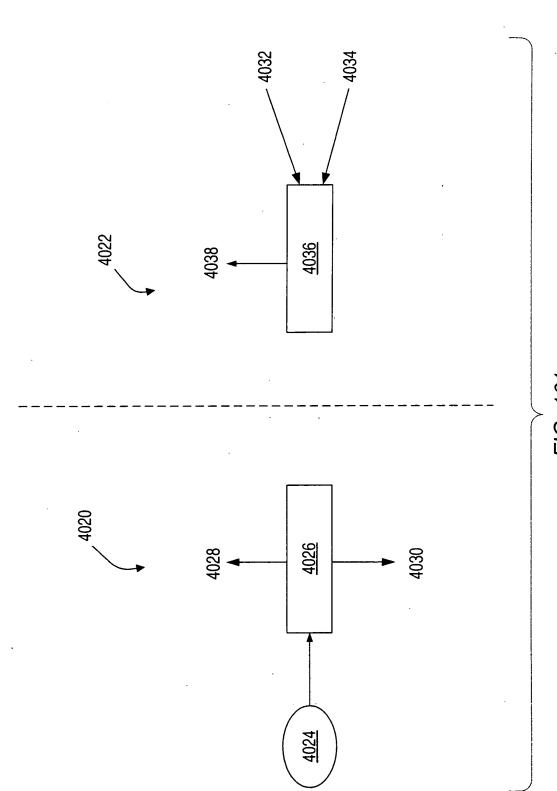


FIG. 161

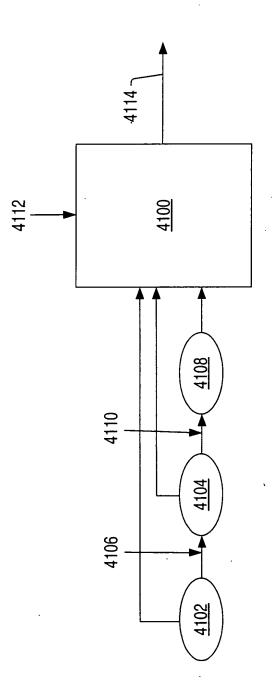


FIG. 162

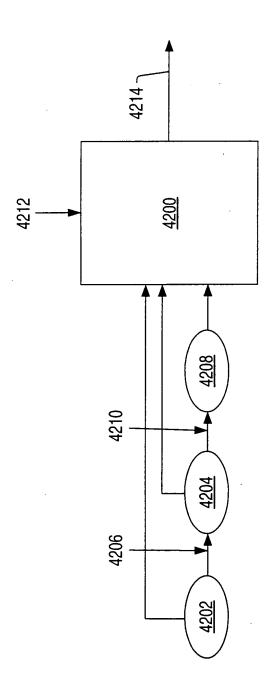


FIG. 163

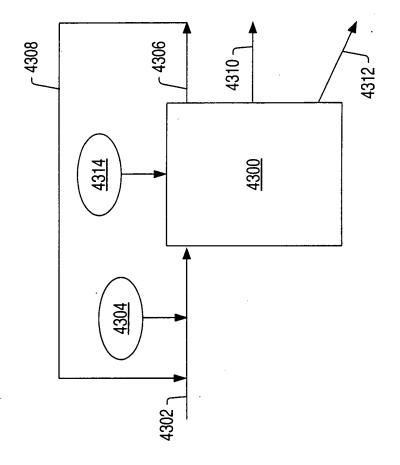


FIG. 164



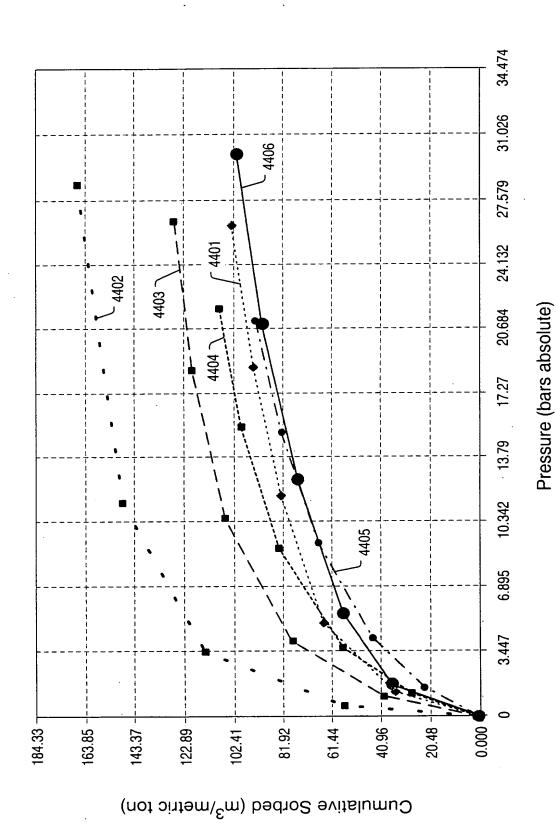
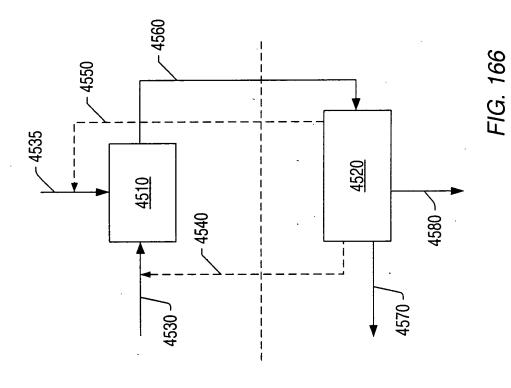
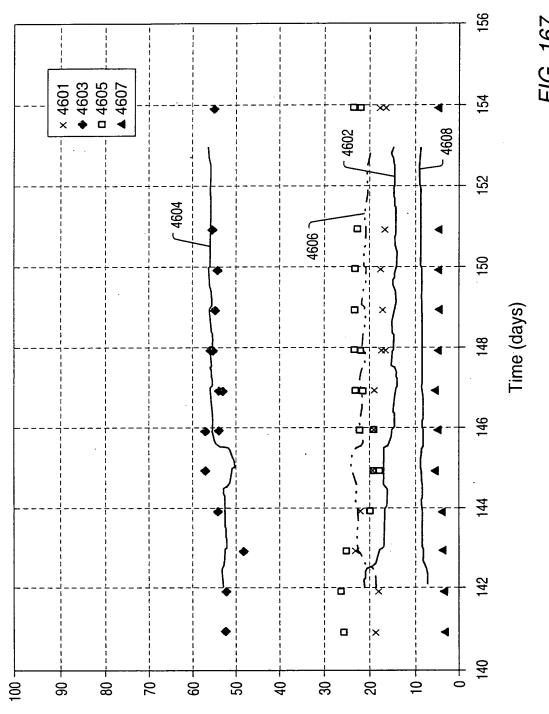


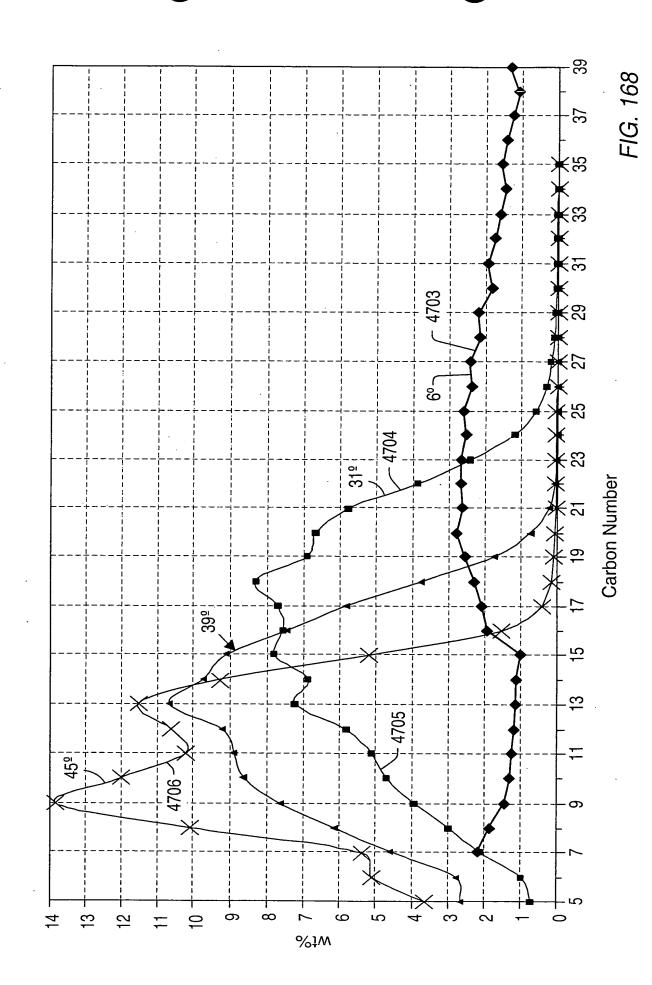
FIG. 165

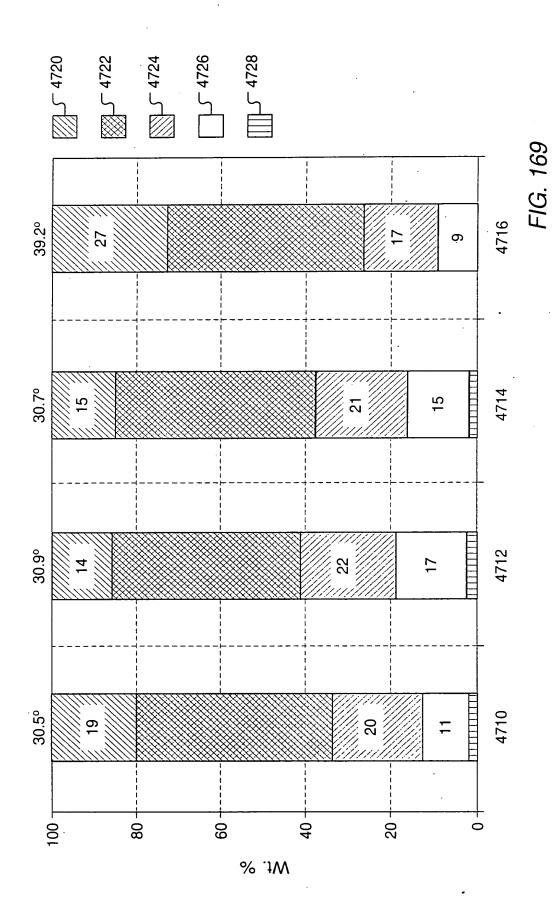


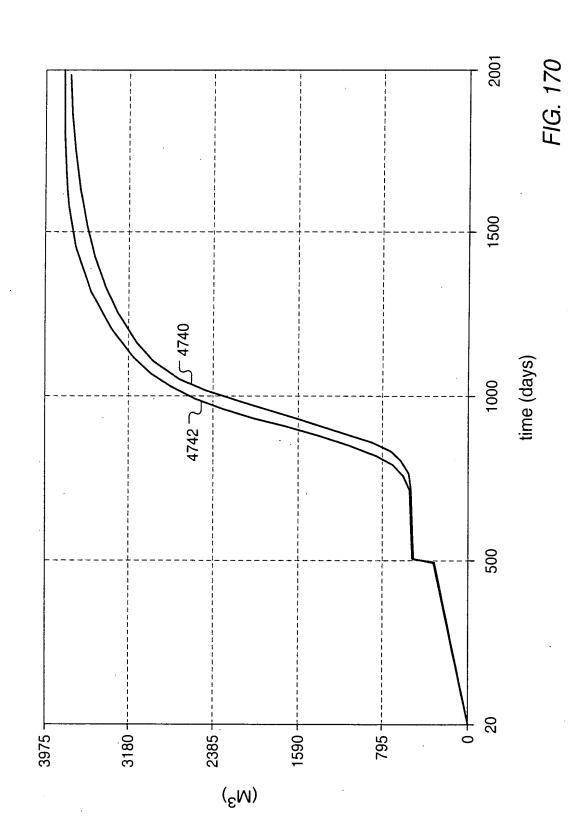


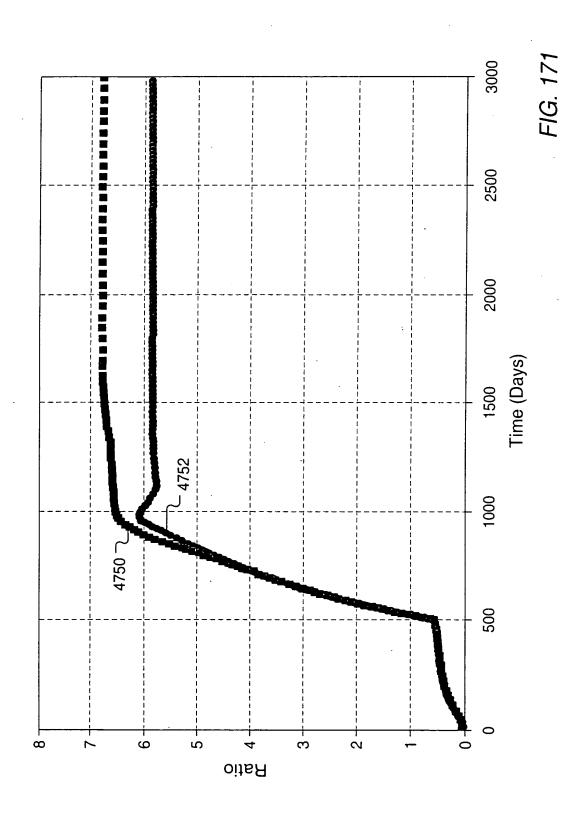
Component Fraction (%)

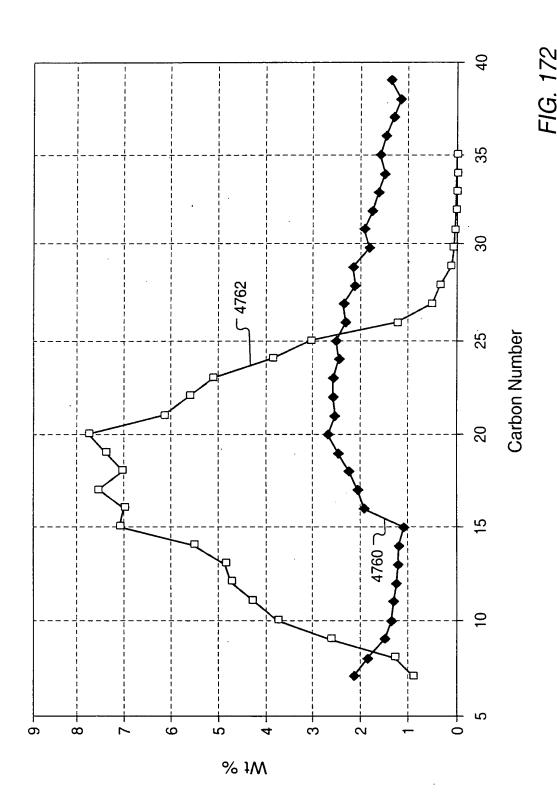
FIG. 167

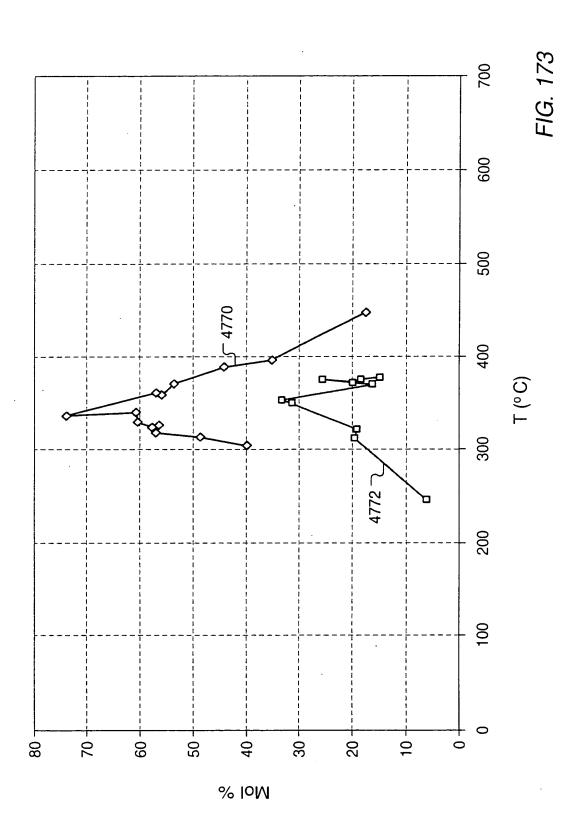












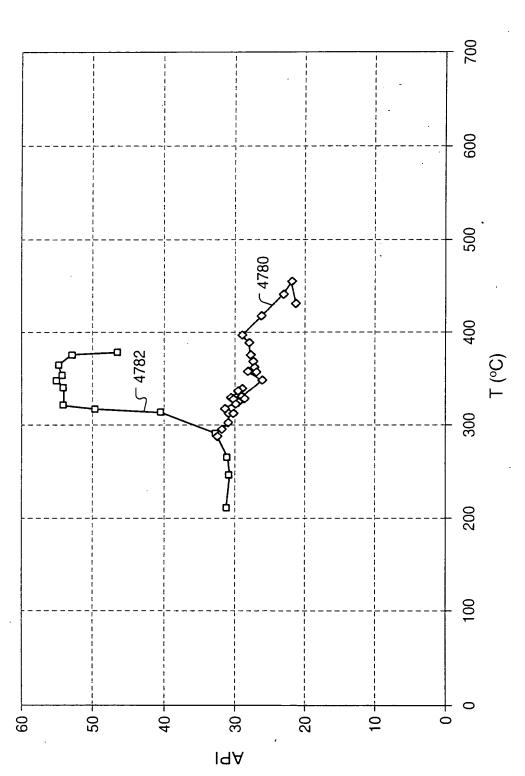
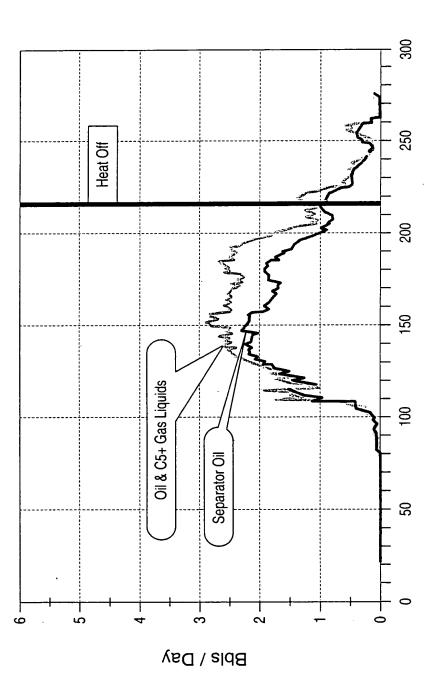
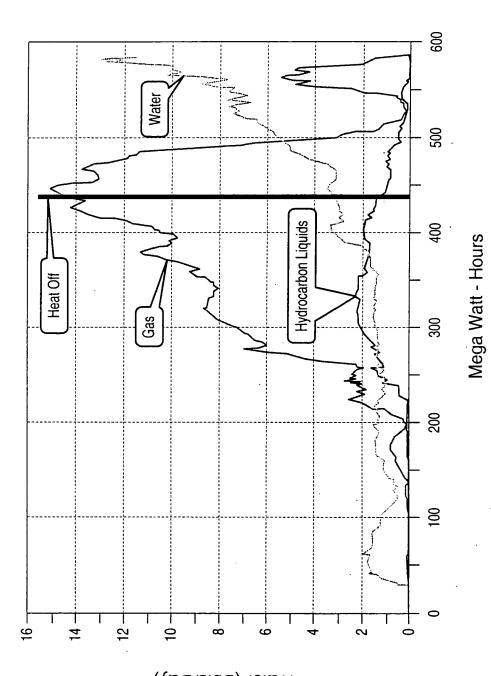


FIG. 174



Days From Start of Heat Injection



Hydrocarbon Liquids (Bbls/Day), Gas (MCF/Day), and Water (Bbls/Day)

